

FINAL REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

251-265 WEST 144TH STREET,
RIVERDALE, ILLINOIS

Prepared for
Village of Riverdale
157 West 144th Street
Riverdale, Illinois 60827

July 2001

URS

URS Corporation
122 South Michigan Avenue
Suite 1920
Chicago, Illinois 60603

Project # 22.00000172.00

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Executive Summary

URS Corporation (URS) has completed a Phase I Environmental Site Assessment (ESA) of the parcel of land located at 251-265 West 144th Street in Riverdale, Illinois (the Property). URS was retained by the Village of Riverdale through the South Suburban Chicago Brownfields Coalition under USEPA Brownfield Assessment Demonstration Pilot Grant to conduct this ESA. This ESA was performed in accordance with the current American Society for Testing and Materials (ASTM) Standard Practice E 1527-00. The purpose of this assessment was to identify ASTM-recognized environmental conditions that may exist on the Property and to assess if impacts are likely to occur because of current and past on-site or nearby activities.

The Property consists of an approximately 1.12-acre parcel of land improved by two one-story commercial buildings (13,462 ft² and 6,946 ft²) which are currently vacant. The larger building is a former retail food store and the smaller building is a former hardware store. Both buildings were constructed in the late 1950's or early 1960's. The Property was vacant prior to construction of the buildings. The history of the Property was established through interviews with Village of Riverdale personnel, aerial photographs, fire insurance maps, and city records, which are summarized in detail in Section 4.0.

A review of regulatory database information did not reveal the presence of National Priority List (NPL) sites, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites, CERCLA No Further Remedial Action Planned (NFRAP) facilities, Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) facilities, RCRA Corrective Action (CORRACTS) sites, State Hazardous Waste Sites (SHWS), State Category (CAT) List sites, former Manufactured Gas Plant (MGP), or Solid Waste Landfill Facilities (SWLF) in the vicinity of the Property.

One RCRA Large Quantity Generator (LQG), two RCRA Small Quantity Generators (SQG) facilities, one Site Remediation Program (SRP) site, four Leaking Underground Storage Tank (LUST) incidents and two Underground Storage Tank (UST) facilities were identified in the vicinity of the Property.

URS has performed a Phase I ESA in conformance with ASTM Standard Practice E 1527-00 of the Property located at 251-265 West 144th Street in Riverdale, Illinois. There were no exceptions from the ASTM Standard Practice E 1527-00 for this Phase I ESA. This assessment has revealed the following recognized environmental conditions in connection with the Property:

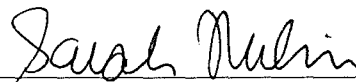
- There is an UST of unknown size and age on the Property. The UST is located near the north side of the larger building on the west portion of the Property. The UST is unregistered and may impact the subsurface soil and groundwater.

In addition, potential asbestos-containing materials (PACM) are present in the building. Future renovation or demolition may require the removal of these materials.

The project contacts for URS are Ron Short and Sarah Rubin from the Chicago office at (312) 939-1000.



Ronald W. Short
Senior Field Technician



Sarah Rubin
Project Geologist

1.1 PROJECT BACKGROUND

URS was retained by the Village of Riverdale through the South Suburban Chicago Brownfields Coalition under USEPA Brownfield Assessment Demonstration Pilot Grant to conduct a Phase I ESA of a parcel of land located at 251-265 West 144th Street in Riverdale, Illinois (the Property). This Phase I ESA was performed in anticipation of the potential re-development of the Property.

1.2 PROJECT OBJECTIVES

The objective of the ESA was to identify "recognized environmental conditions" that may exist on the Property. "ASTM Practice E 1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", defines recognized environmental conditions as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The extent of research to identify recognized environmental conditions is limited by the scope of services.

This Phase I ESA was based upon ASTM Standard Practice E 1527-00 and the Scope of Work (SOW) outlined in Task Order Request #1. The project included the following tasks:

2.1 SITE RECONNAISSANCE

A reconnaissance of the Property was performed by Mr. Ronald Short, of URS, on July 11, 2001. Photographs of the Property were taken during the site visit and are included as Appendix A.

2.2 RECORDS REVIEW AND INTERVIEWS

URS conducted a review of reasonably-ascertainable federal, state and local environmental agency records to access the regulatory history of the Property and surrounding area within the ASTM-specified radius. URS enlisted an outside computer services firm, Environmental Data Resources, Inc. (EDR), to generate a comprehensive report which summarizes listings of NPL, RCRA and other federal and state facilities. A copy of the EDR report is included in Appendix B.

Historic aerial photographs and fire insurance maps were also reviewed and are included in Appendices C and D, respectively.

Interviews were conducted with Ms. Janice Morrissey, Director of Community and Economic Development for the Village of Riverdale, regarding environmental conditions and knowledge of historical activities on the Property.

2.3 EVALUATION, ANALYSIS AND REPORTING

This Phase I ESA Report addresses the findings of the tasks described above. Included in this report is a summary of significant findings, a conclusion as to the likelihood of contamination at the site with associated uncertainties, possible recommendations for additional investigatory work, if required, and a statement of limitations. This report is not intended as a warranty of site conditions. It reflects professional judgment which is based on the present standard of care of the profession.

3.1 LOCATION

The Property consists of an approximately 1.12-acre rectangular-shaped parcel of land located at 251-265 West 144th Street in Riverdale, Illinois. This Property is located in the Southwest Quarter of Section 4, Township 36 North, Range 14, East of the Third Principal Meridian in Cook County, Illinois. See Figure 1 for the Site Location Map. The Site Location Map was extracted from the 1963 Blue Island - ILL. USGS 7.5 Minute Series Quadrangle Map (photorevised 1973/photoinpected 1978).

3.2 SITE IMPROVEMENTS

The Property is currently developed with two one-story commercial building (see Figure 2). Detailed descriptions of the building and the current use are included in Section 5.1.

The Property is serviced by:

- Natural Gas Nicor Gas
- Electric Commonwealth Edison Company
- Water/Sewer Village of Riverdale

There are three pole-mounted electrical transformers located along the north side of the Property. These transformers are owned and operated by Commonwealth Edison. The transformers are unlabeled with regard to PCB-content; however, no indications of staining or leaking associated with the transformers were observed.

3.3 ENVIRONMENTAL SETTING

The Property is located in the east central portion of Cook County, Illinois. The surficial geologic deposits in this section of the county are typically glacial drift deposited during the Wisconsin Glacial Age. The topography in the vicinity of the Property and surrounding area is generally flat. The Property is at an approximate elevation of 600 feet above mean sea level (MSL).

According to the Illinois State Geological Survey (ISGS), Surficial Geology of the Chicago Region (1970), the surficial geology in the area is identified as Lake Plain deposits. This formation consists of floors of glacial lakes flattened by wave erosion and by minor deposition in low areas; largely underlain by glacial till; thin deposits of silt, clay, and sand of the Equality Formation are present locally.

Groundwater flow generally parallels areas of higher surface elevation to lower elevations and toward the nearest surface water body. Therefore, the most likely flow direction for groundwater underlying the Property is expected to be toward the Little Calumet River, which is located approximately 3000-feet south-southwest of the Property. Surface water drainage on the Property flows to combined sewers located in parking areas on the Property and to the adjoining streets. The sewers flow to the Metropolitan Water Reclamation District (MWRD).

Potable water at the Property is provided by the Village of Riverdale, which derives its water via the City of Chicago from Lake Michigan.

The history of the area is based on interviews with Ms. Morrisy, a review of historical aerial photographs, and a review of historical fire insurance maps. Prior to 1958, the Property was vacant. The two buildings on the Property were constructed between the years 1958 and 1965. No further improvements have been made on the Property since. Information provided by the Village of Riverdale suggested that the larger building on the Property was approximately 55 years old and the smaller building was approximately 35 years old. This information, however, is assumed to be incorrect based on depictions of the buildings on the Sanborn Fire Insurance Maps.

4.1 HISTORICAL AERIAL PHOTOGRAPHS

Aerial photographs were obtained from the Northeastern Illinois Planning Commission (NIPC) for the years 1970, 1980, and 1990. According to a representative of the NIPC, earlier aerial photographs of the Property area were not available. The aerial photographs were reviewed for evidence of historical property usage. Copies of the aerial photographs are included in Appendix C.

The **1970 aerial photograph** indicated the Property was improved by two commercial structures similar in size and configuration to that observed during the site reconnaissance. The remainder of the Property appeared to consist of parking lots. The adjacent properties consisted of a mix of residential and commercial structures similar to those observed during the site reconnaissance.

The **1980 aerial photograph** indicated no major changes to the Property or adjacent properties from the 1970 aerial photograph.

The **1990 aerial photograph** indicated no major changes to the Property or adjacent properties from the 1980 aerial photograph.

4.2 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps were available for the Property from the EDR Sanborn Map Collection, for the years 1951, 1958, 1965, 1966, 1967, and 1975. Copies of the Sanborn Maps are included in Appendix D. A summary is as follows:

The **1951 Sanborn Map** indicated the Property was vacant. The adjacent property to the north was a park; the adjacent property to the west contained a park building; the adjacent property to the east contained some private residences and some vacant land; the adjacent property to the south across 144th Street was vacant.

The **1958 Sanborn Map** indicates the Property and surrounding properties were unchanged since 1951.

The **1965 Sanborn Map** revealed the construction of two buildings on the Property similar in size and configuration of the ones observed during the site reconnaissance. No changes were depicted to the north, south, and west adjacent properties as compared to the 1958 Sanborn Map. A commercial type structure is depicted on the east adjacent property on a parcel which had previously been vacant.

The **1966 Sanborn Map** indicated no changes to the Property or adjacent properties from the 1965 Sanborn Map.

The **1967 Sanborn Map** indicated no changes to the Property or adjacent properties from the 1965 or 1966 Sanborn Maps.

The **1975 Sanborn Map** indicated no changes to the Property or adjacent properties from the 1965, 1966, or 1967 Sanborn Maps.

4.3 LOCAL RECORDS

Inquiries were made at the Village of Riverdale Building Department and the Village of Riverdale Fire Department regarding records for the Property.

The building department records dated back to 1976 and did not contain any permit information which would indicate exactly when the buildings were constructed nor were there any drawings of the buildings. The building records indicated that the 265 West 144th Street building had been utilized as a food retail store as far back as 1976 and that the building at 251 West 144th Street had been a hardware store through the mid 1990's. The building was a used furniture store for a short time before it was vacated. The fire department file contained copies of two letters dated 1981 and 1983 and were addressed to the Big "B" Food Store at 265 W. 144th Street. The letters were to inform the owner that the underground storage tank on the premises needed to undergo a tank tightness test per Village Ordinance Article 9, Section 14. Copies of the letters are provided in Appendix E.

4.4 PREVIOUS STUDIES

According to Ms. Morrisy, to her knowledge, there had been no previous environmental assessments performed for the Property.

Mr. Short, of URS, conducted the site reconnaissance on July 11, 2001 to identify current property uses and potential sources of hazardous substances on and off site. Selected photographs taken during the reconnaissance are included in Appendix A. The following outlines the information collected during the reconnaissance, including the physical building description, current building use, current tenants, the use and storage of materials and chemicals, and waste generation and disposal practices.

5.1 PROPERTY OBSERVATIONS

There are two one-story buildings on the Property, both of which are currently vacant. The building on the western portion of the Property is a former food retail store containing approximately 13,462 square feet of space. The building is slab on grade with brick walls and a wood truss barrel roof. Interior finishes in the building include tile flooring, tin ceiling tiles and plaster walls. The retail area of the building contains shelving, checkout lanes, refrigerators, and freezers. The back of the store contains storage space, receiving areas, a butcher shop and miscellaneous debris. It should be noted that adequate lighting was not available in this area of the building during the site reconnaissance; therefore, observations of this area were limited.

A vent pipe and fill port for an underground storage tank (UST) were observed outside the building along the north wall.

The building on the eastern portion of the Property is a former hardware store containing approximately 6,946 square feet of space. The building is slab on grade with brick and concrete block walls and a flexicore style roof. Interior finishes in the building include tile flooring, a drop ceiling with 2'x 4' ceiling tiles, and concrete block walls. The majority of the building interior is empty, with some chairs, tables, shelving, old refrigerators, and other miscellaneous items. In the back of the building are two restrooms, a small office, and a utility room containing a hot water heater and furnace. There were no indications of the presence of an UST on the interior or exterior of the building.

The areas around both buildings are asphalt paved and are currently used for commuter parking. Stormwater catch basins are located in the parking area.

Potential asbestos-containing materials (PACM) were noted in the buildings. The PACM observed included pipe wrap insulation, pipe elbow insulation, and floor tile. The majority of the areas of PACM observed were in good condition.

5.2 ADJACENT PROPERTIES

URS observed the exterior of adjacent properties for visible environmental conditions during the site reconnaissance. The Property is bounded by:

North: Ivanhoe Park;

East: Private residences and a vacant lot;

South: Commuter rail parking lot; and

West: Commuter rail parking and Riverdale Park District Maintenance building.

SECTION FIVE

SITE RECONNAISSANCE

The only environmentally significant observation on the adjacent properties was the presence of an aboveground storage tank (AST) containing gasoline or diesel fuel next to the Riverdale Park District Maintenance building.

Regulatory records maintained by the following agencies were reviewed during this ESA:

- United States Environmental Protection Agency (U.S. EPA)
- Illinois Environmental Protection Agency (IEPA)
- Office of the Illinois State Fire Marshal (OSFM)

The purpose of the records review was to assess the potential for the presence of hazardous substance contamination on the Property as a result of activities conducted on properties within the study area defined in the Scope of Services section of this report. The state and federal database listings were searched by EDR, an independent information service. U.S. EPA, IEPA, and OSFM database files were reviewed based on ASTM Standard Practice E 1527-00 for the area surrounding the facility.

6.1 FEDERAL AGENCY RECORDS

Federal environmental documents that were reviewed included the following:

- U.S. EPA's NPL, dated January 2001, for final and proposed sites;
- U.S. EPA's CERCLIS, dated March 2001, showing properties which may be considered uncontrolled hazardous waste sites that have been brought to the attention of U.S. EPA;
- U.S. EPA's RCRA list of registered hazardous waste generators, dated June 2000;
- U.S. EPA's Emergency Response Notification System (ERNS) database on reported releases of oil and hazardous substances, dated August 2000; and
- U.S. EPA's No Further Remedial Action Planned Sites (NFRAP) report of sites which have been removed from the U.S. EPA's CERCLIS database, dated March 2001.

6.1.1 National Priority List (NPL)

NPL sites are uncontrolled or abandoned hazardous wastes sites that have been identified for priority remedial corrective action under the Superfund Program.

There are no NPL sites located within one mile of the Property.

6.1.2 Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)

The CERCLIS file lists sites that the U.S. EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980.

There are no CERCLIS sites located within ½ mile of the Property.

6.1.3 Resource Conservation and Recovery Act (RCRA)

The RCRA file lists sites which treat, store, dispose (RCRA-TSD) or generate specified quantities (RCRA-LQG, RCRA-SQG) of EPA regulated hazardous wastes or meet other applicable requirements of RCRA.

There are no RCRA CORRACTS facilities located within one mile of the Property. There are no RCRIS TSD facilities located within ½ mile of the Property. There is one (1) RCRA-LQG facility located within ¼ mile of the Property. There are two (2) RCRA-SQG facilities located within ¼ mile of the Property. These sites and their locations are listed as follows:

RCRIS-LQG

- Riverdale Auto Service 154 W. 144th St. ~ 1/8 mile East

RCRIS-SQG

- Waste Disposal Services Inc. 201 W. 144th St. < 1/8 mile East
- Mobil Oil Corp. SS BCP 359 W. 144th St. ~ 1/8 mile East

According to the database report, the three RCRA sites have not been listed with violations associated with their generator status. Additionally, all three sites are non-adjacent and are located topographically down or crossgradient from the Property. Therefore, these sites are not likely to impact the Property.

6.1.4 Emergency Response Notification System (ERNS)

The ERNS database lists reported releases of oil and hazardous substances.

The Property is not on the current ERNS listing.

6.1.5 No Further Remedial Action Planned Sites (NFRAP)

The NFRAP report, also known as the CERCLIS Archive, contains information pertaining to sites that have been removed from the CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

There are no NFRAP sites located within one-half mile of the Property.

6.2 STATE AGENCY RECORDS

The state environmental records that were reviewed included the following:

- IEPA State Hazardous Waste Site List (SHWS), dated June 2000, of sites deemed potentially hazardous (state equivalent of federal CERCLIS or NPL);
- IEPA Site Remediation Program (SRP) Database, dated May 2001, of voluntary remediation projects (non-ASTM database);
- IEPA list of Illinois Solid Waste Landfills (SWLF), dated January 2000;

- IEPA inventory of reported LUST incidents, dated May 2001; and
- OSFM inventory of reported USTs, dated March 2001.

6.2.1 The State Hazardous Waste Site List (SHWS)

The Illinois SHWS List is the state equivalent of the federal CERCLIS and NPL and is a summary listing of facilities that are deemed potentially hazardous by the IEPA.

There are no SHWS Sites located within one mile of the Property.

6.2.2 Site Remediation Program (SRP)

The SRP is a summary listing of voluntary remediation projects administered by the IEPA. This is a non-ASTM database.

There is one (1) SRP site located within one mile of the Property.

- Amoco Oil Company 14399 S. Halsted ¾-mile West

According to the database report, the SRP site was enrolled in the program in December 2000 and it is still active. The site is located approximately ¾ mile in a topographically down or crossgradient direction from the Property. Therefore, it is not likely to impact the Property.

6.2.3 Illinois Solid Waste Landfills (SWLF)

The SWLF database includes an inventory of solid waste disposal facilities or landfills. The listings reviewed include the Northeastern Illinois Planning Commission's inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data.

There are no Solid Waste Landfills within ½ mile of the Property.

6.2.4 Leaking Underground Storage Tank (LUST) Information

A review of the list of LUST Release Incidents revealed the following four (4) incidents within ½ mile of the Property:

- Riverdale Auto Service 154 W. 144th St. 1/8-mile East
- Mobil Oil #05BCP 359 W. 144th St. 1/8-mile West
- Village of Riverdale 142nd/Stewart ¼-mile Northwest
- Village of Riverdale 501 W. 144th St. ¼-mile West

All four of the LUST incidents are located greater than 1/8 to ¼ mile in topographically down or crossgradient directions from the Property. Two of the four incidents are currently closed, the incident at Riverdale Auto Service and the Village of Riverdale site at 501 W. 144th Street. Based on the above information, the LUST incidents are not likely to impact the Property.

6.2.5 Registered Underground Storage Tanks (UST)

There are two (2) registered UST sites located within one-quarter mile of the Property.

- Riverdale Auto Service 154 W. 144th St. 1/8-mile East
- Mobil Oil #05BCP 359 W. 144th St. 1/8-mile West

According to the database report, the UST sites are located topographically down or crossgradient from the Property. Based on the above information, the UST sites are not likely to impact the Property.

The Property is known to have an UST on the north side of the 265 W. 144th Street building. However, the Property does not appear on the database listing.

SECTION SEVEN

Conclusions & Recommendations

URS has performed a Phase I ESA in conformance with ASTM Standard Practice E 1527-00 of the parcel of land located at 251-265 W. 144th Street in Riverdale, Illinois. There were no exceptions from the ASTM Standard Practice E 1527-00 for this Phase I ESA. This assessment has revealed the following recognized environmental conditions in connection with the Property:

- There is an UST of unknown size and age on the Property. The UST is located near the north side of the larger building on the west portion of the Property. The UST is unregistered and may have had impact on subsurface soil and groundwater. A Phase II ESA would be necessary to assess potential impacts associated with the UST.

In addition, PACM are present in the building. Future renovation or demolition may require the removal of these materials.

We have performed our services for this project in accordance with the Scope of Work (SOW) outlined in Task Order Request #1, dated July 9, 2001, and the ASTM Standard Practice E 1527-00 for ESA investigations. No guarantees are either expressed or implied.

The records search was limited to information available from public sources and the Village of Riverdale; this information is changing continually and is frequently incomplete. Unless we have actual knowledge to the contrary, information obtained from interviews or provided to us by the Village of Riverdale has been assumed to be correct and complete. We do not assume any liability for misrepresentation of information or for items not visible, accessible, or present on the Property at the time of the site visit.

There is no investigation which is thorough enough to preclude the presence of materials on the Property which presently, or in the future, may be considered hazardous. Unless site conditions change, this document and the information contained herein are valid for a period of 180 days according to the ASTM Practice, and have been prepared solely for the use of the Village of Riverdale. No third party shall have the right to rely on URS opinions rendered in connection with the services or in this document without URS's written consent and the third party's agreement to be bound to the same conditions and limitations as client. Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

9.1 CORPORATE

URS has over 300 offices worldwide, providing professional services in engineering and sciences applied to the earth and its environment. One of the main areas of practice is Waste Management and Engineering, which involves the application of science and engineering to contamination assessment and cleanup; the management, minimization, treatment, and disposal of hazardous, solid and industrial waste; and regulatory compliance. Phase I ESAs are a part of this practice area and have been conducted by URS nationwide.

9.2 INDIVIDUAL

The qualifications of the Project Team involved in this ESA meet the URS corporate requirements for performing ESAs.

Sarah Rubin

Project Manager, has extensive experience in remediation, specifically as it relates to ground water and soil contamination. Ms. Rubin has eleven years experience and has been involved in many environmental field investigations ranging in size from site audits and small municipal landfill sites to large RCRA and CERCLA sites. Ms. Rubin has performed the duties of project manager overseeing collection of soil, ground water, surface water and sediment samples.

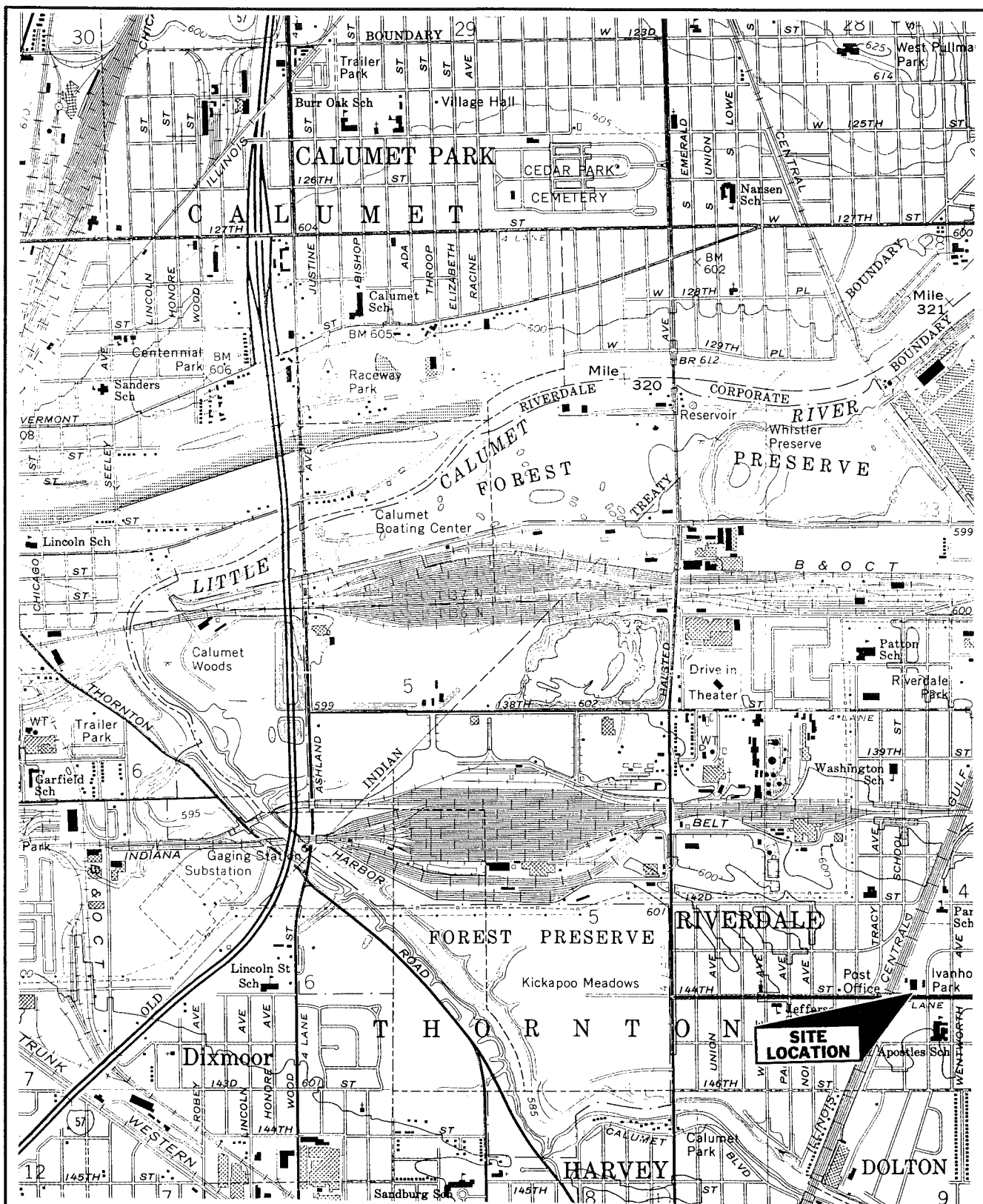
Ronald Short

Senior Field Technician, has conducted work on a wide scope of projects ranging from small real estate transaction assessments to full-scale soil and groundwater investigations at major oil refineries. Mr. Short has worked on over 100 projects with URS which include: soil and groundwater investigations, contaminated soil removal, underground storage tank removal and remediation, Phase I & II Site Assessments, compliance audits, geotechnical investigations, and asbestos surveys.

Chris Albrecht

Mr. Albrecht provided management oversight and peer review for this project. Mr. Albrecht graduated from the University of Illinois with a B.S. in Biology. He has a M.S. from Governors State University in Environmental Biology. Mr. Albrecht has over twelve years in the environmental field, focusing on Phase I and Phase II ESAs. He has conducted work on a wide scope of projects which include: soil and groundwater investigations, underground storage tank removal, environmental compliance assessments, and asbestos surveys. Mr. Albrecht is also a certified asbestos inspector and management planner in the states of Illinois, Iowa, Ohio, and Wisconsin.

Figures



SOURCE:

BLUE ISLAND, ILL.
N4137.5 - W8737.5/7.5
PHOTOINSPECTED 1978
1963
PHOTOREVISED 1973
AMS 3467 II NW-SERIES V863



QUADRANGLE LOCATION



0 1000 2000
SCALE, FEET

URS

122 South Michigan Ave.
Suite 1920
Chicago, Illinois 60603

SITE LOCATION MAP
251 - 265 W. 144th ST.
RIVERDALE, ILLINOIS

DESIGN: RWS	CHECK'D: CAA	PROJECT NO.	FIG. NO.
DRAWN: LM	DATE: 7/16/01	2200000172	1

INCADWISCDVGSIMdwg
VAPLOT-V sht=1

Appendix A

Photographic Documentation

Riverdale Property
251-265 W. 144th Street
Riverdale, IL

URS



PHOTOGRAPH 1.:
View of the Property facing
northwest.



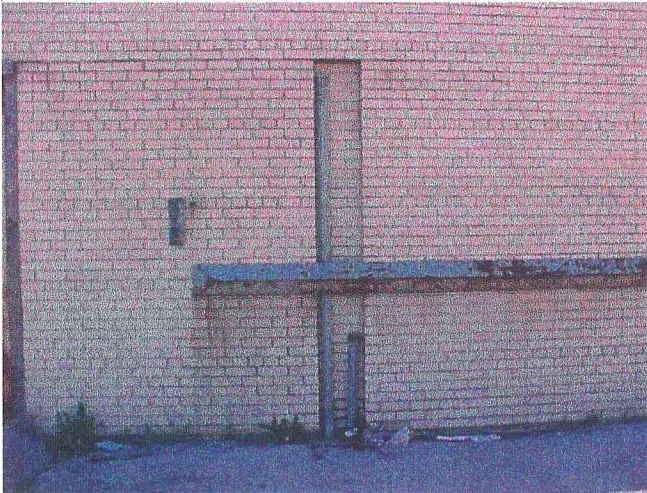
PHOTOGRAPH 2.:
Front of former food retail store.



PHOTOGRAPH 3.:
Transformers next to former food retail
store.

Riverdale Property
251-265 W. 144th Street
Riverdale, IL

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PHOTOGRAPH 4.:

Vent pipe and fill port on the north side of the former food retail store.



PHOTOGRAPH 5.:

Coolers and freezers inside former food retail store.



PHOTOGRAPH 6.:

General view of interior of former food retail store.

Riverdale Property
251-265 W. 144th Street
Riverdale, IL

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PHOTOGRAPH 7.:
Checkout area of former food retail
store.



PHOTOGRAPH 8.:
Checkout area of former food retail
store.



PHOTOGRAPH 9.:
Front of former hardware store.

Riverdale Property
251-265 W. 144th Street
Riverdale, IL

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PHOTOGRAPH 10.:
East side of former hardware store
facing northwest.



PHOTOGRAPH 11.:
West side of former hardware store
facing south.



PHOTOGRAPH 12.:
North side (back) of former hardware
store.

Riverdale Property
251-265 W. 144th Street
Riverdale, IL

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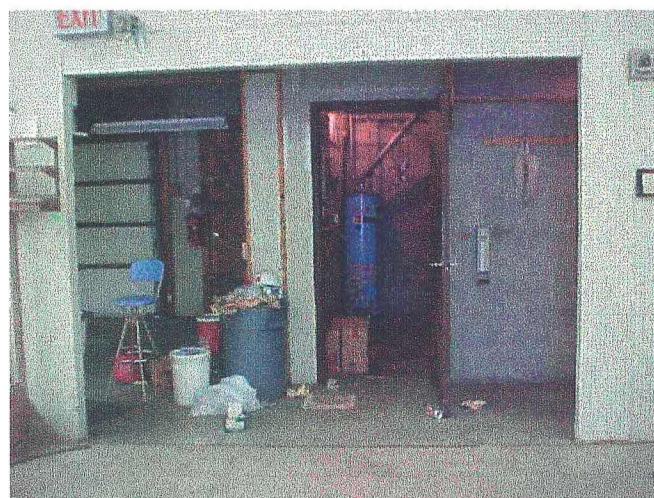
PHOTOGRAPH 13.:

Inside of former hardware store facing out the front window.



PHOTOGRAPH 14.:

Inside the former hardware store facing toward the back of the building.



PHOTOGRAPH 15.:

Backroom area of former hardware store with hot water heater and furnace.

Appendix B Regulatory Database

The EDR Radius Map with GeoCheck[®]

251-265 W. 144th Street
251-265 W. 144th Street
Riverdale, IL 60827

Inquiry Number: 655706.1s

July 12, 2001



***The Source* For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

251-265 W. 144TH STREET
RIVERDALE, IL 60827

COORDINATES

Latitude (North): 41.634100 - 41° 38' 2.8"
Longitude (West): 87.628800 - 87° 37' 43.7"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 447625.5
UTM Y (Meters): 4609130.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2441087-F6 BLUE ISLAND, IL
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL _____ National Priority List
Proposed NPL _____ Proposed National Priority List Sites
CERCLIS _____ Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP _____ CERCLIS No Further Remedial Action Planned
CORRACTS _____ Corrective Action Report
RCRIS-TSD _____ Resource Conservation and Recovery Information System
ERNS _____ Emergency Response Notification System

STATE ASTM STANDARD

SHWS _____ State Oversight List
SWF/LF _____ Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
CAT _____ Category List

FEDERAL ASTM SUPPLEMENTAL

CONSENT _____ Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

IL NIPC Solid Waste Landfill Inventory

EDR PROPRIETARY DATABASES

Coal Gas Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RIVERDALE AUTO SERVICE</i>	<i>154 W 144TH ST</i>	<i>1/8 - 1/4ESE</i>	<i>A2</i>	<i>5</i>

EXECUTIVE SUMMARY

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WASTE DISPOSAL SERVICE INC	201 W 144TH ST	0 - 1/8 ESE	1	5
MOBIL OIL CORP SS BCP	359 W 144TH ST	1/8 - 1/4 WSW	B7	12

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 05/26/2001 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RIVERDALE AUTO SERVICE	154 WEST 144TH ST.	1/8 - 1/4 ESE	A3	5
MOBIL OIL #05BCP	359 WEST 144TH ST. /	1/8 - 1/4 W	B6	11
RIVERDALE, VILLAGE OF	142ND / STEWART	1/4 - 1/2 NW	9	15
RIVERDALE, VILLAGE OF	501 WEST 144TH ST.	1/4 - 1/2 W	10	16

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 03/23/2001 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RIVERDALE AUTO SERV	154 W 144TH ST	1/8 - 1/4 ESE	A4	6
RUVERDALE AUTO SERVICE	154 W 144TH ST	1/8 - 1/4 ESE	A5	10
MOBIL 05BCP	359 W 144TH STEWART	1/8 - 1/4 WSW	B8	12

STATE OR LOCAL ASTM SUPPLEMENTAL

A review of the SRP list, as provided by EDR, and dated 05/18/2001 has revealed that there is 1 SRP site within approximately 1 mile of the target property.

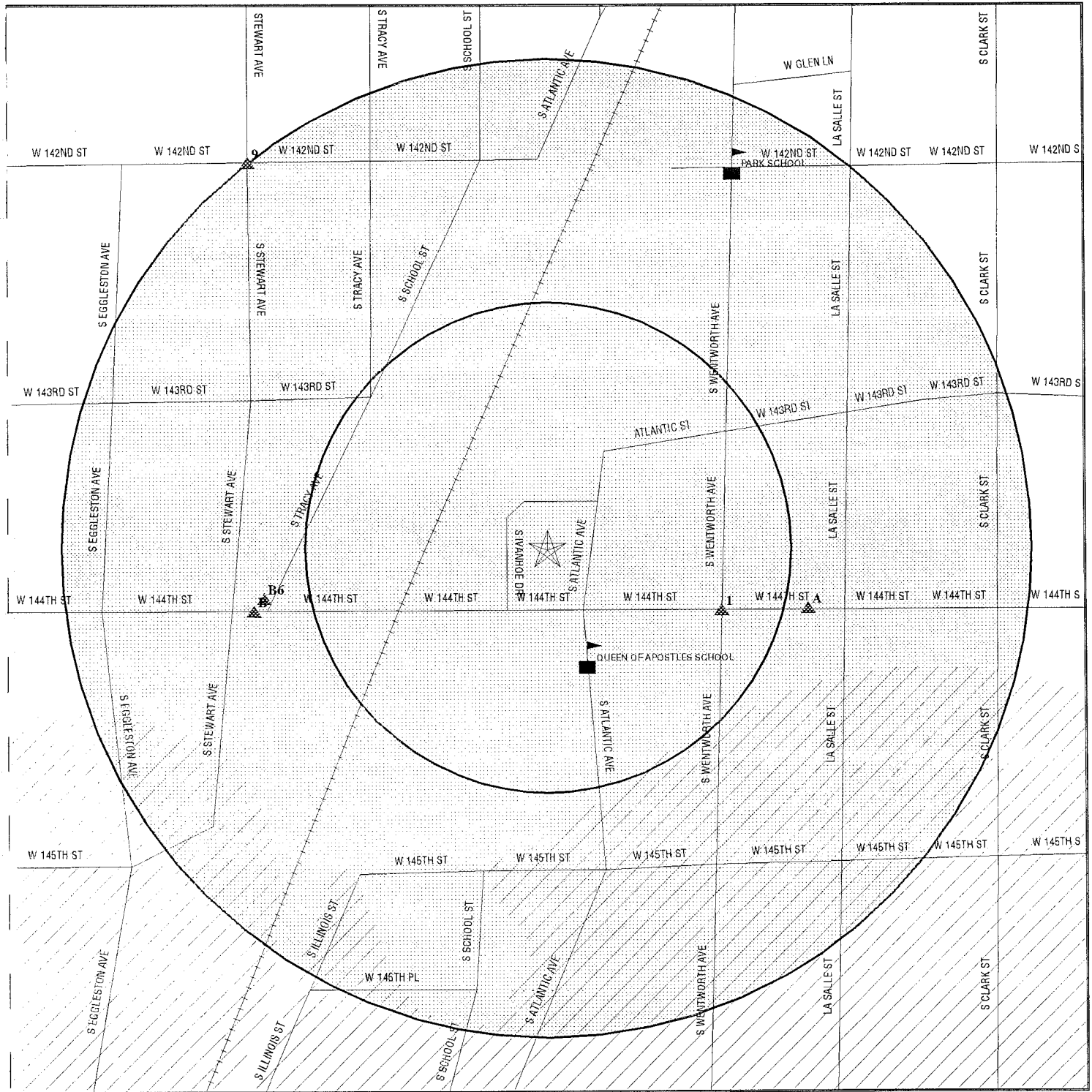
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMOCO OIL COMPANY	14399 SOUTH HALSTED STR	1/2 - 1 W	11	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
CLARK BLUE ISLAND REFINERY	SHWS
PENN CENTRAL CORP.	SHWS
CALUMET TRAILER	CERCLIS
MARKHAM DRUMS	CERCLIS
RIVER BEND PRAIRIE COMPOST FACILITY	SWF/LF
UNION PACIFIC RAILROAD	LUST
CSX TRANSPORTATION	LUST
HARVEY SCHOOL DIST.	LUST
MOBIL OIL #5BDG	LUST
SHELL OIL CO.	LUST
RIVERDALE PUMPING STATION	LUST
JO-VE INC.	LUST
440 EAST 138TH STREET	ERNS
141ST STREET AND STEWART	ERNS
BAKER PETROLITE	SRP

DETAIL MAP - 655706.1s - URS Corporation



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

0 1/16 1/8 1/4 Miles

TARGET PROPERTY: 251-265 W. 144th Street
 ADDRESS: 251-265 W. 144th Street
 CITY/STATE/ZIP: Riverdale IL 60827
 LAT/LONG: 41.6341 / 87.6288

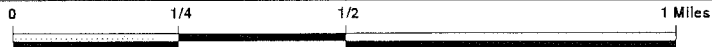
CUSTOMER: URS Corporation
 CONTACT: Ron Short
 INQUIRY #: 655706.1s
 DATE: July 12, 2001 4:44 pm

OVERVIEW MAP - 655706.1s - URS Corporation



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands



TARGET PROPERTY: 251-265 W. 144th Street
 ADDRESS: 251-265 W. 144th Street
 CITY/STATE/ZIP: Riverdale IL 60827
 LAT/LONG: 41.6341 / 87.6288

CUSTOMER: URS Corporation
 CONTACT: Ron Short
 INQUIRY #: 655706.1s
 DATE: July 12, 2001 4:43 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	1	1	NR	NR	NR	2
ERNS	TP	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	2	NR	NR	4
UST		0.250	0	3	NR	NR	NR	3
CAT		1.000	0	0	0	0	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP	TP	NR	NR	NR	NR	NR	0
HMIRS	TP	TP	NR	NR	NR	NR	NR	0
MLTS	TP	TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP	TP	NR	NR	NR	NR	NR	0
PADS	TP	TP	NR	NR	NR	NR	NR	0
RAATS	TP	TP	NR	NR	NR	NR	NR	0
TRIS	TP	TP	NR	NR	NR	NR	NR	0
TSCA	TP	TP	NR	NR	NR	NR	NR	0
FTTS	TP	TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
IL NIPC		0.500	0	0	0	NR	NR	0
SRP		1.000	0	0	0	1	NR	1
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
ESE
< 1/8
502
Higher

WASTE DISPOSAL SERVICE INC
201 W 144TH ST
RIVERDALE, IL 60627

RCRIS-SQG 1000397095
FINDS ILT180014508

RCRIS:

Owner: MICHAEL A PEGORARO
(312) 555-1212
Contact: MICHAEL PEGORARO
(312) 555-1212
Record Date: 03/25/1981
Classification: Hazardous Waste Transporter
Used Oil Recyc: No
Violation Status: No violations found

A2
ESE
1/8-1/4
724
Higher

RIVERDALE AUTO SERVICE
154 W 144TH ST
RIVERDALE, IL 60627
Site 1 of 4 in cluster A

FINDS 1000861386
RCRIS-LQG IL0000108266

RCRIS:

Owner: LASALLE NATIONAL BANK
(312) 641-1800
Contact: MELVIN EHRLICH
(312) 641-1800
Record Date: 12/30/1993
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

A3
ESE
1/8-1/4
730
Higher

RIVERDALE AUTO SERVICE
154 WEST 144TH ST.
RIVERDALE, IL 60827
Site 2 of 4 in cluster A

LUST S104523360
N/A

LUST:

Incident Num : 940277
IL EPA Id : 0312585059
IEMA Date : 02/08/1994
Attn : Melvin Ehrlich
PRP Name : Atlas Bank Land Trust
PRP Address : 200 West Madison St., Suite 420
Chicago, IL 60606
PRP Phone : Not reported
Non LUST Determination Letter : / /
Section 57.59(g) Letter : / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIVERDALE AUTO SERVICE (Continued)

S104523360

NFA/NFR Letter : 12/01/1995
Site Classification : Not reported
Project Manager : Lambert, Tara
Product Type: Unleaded Gasoline
Fuel Oil
Used or Waste Oil
General Date: 02/14/1994
General Desc: Notice of Release Letter sent
Site Name: Riverdale Auto Service
General Date: 04/11/1994
General Desc: 20 Day Report received
Site Name: Riverdale Auto Service
General Date: 11/07/1994
General Desc: 45 Day Report received
Site Name: Riverdale Auto Service
General Date: 09/08/1995
General Desc: Free Product Report received
Site Name: Riverdale Auto Service
General Date: 09/08/1995
General Desc: Professional Engineer Certification received
Site Name: Riverdale Auto Service
General Date: 11/07/1994
General Desc: 20 Day Report received
Site Name: Riverdale Auto Service
NFR/NFA Date: Not reported
Taco Desc: Not reported
Site Name: Not reported
Document Desc: Corrective Action Completion Report
Document Received: 09/08/1995
Response Type: Approved
Response Mailed: 12/01/1995
Site Name: Riverdale Auto Service

A4 RIVERDALE AUTO SERV
ESE 154 W 144TH ST
1/8-1/4 RIVERDALE, IL 60627
730
Higher Site 3 of 4 in cluster A

UST U003559076
N/A

UST:

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 1
Tank Capacity: 5000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIVERDALE AUTO SERV (Continued)

U003559076

Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 2
Tank Capacity: 5000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 3
Tank Capacity: 6000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RIVERDALE AUTO SERV (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003559076

Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 4
Tank Capacity: 500
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Used Oil

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 5
Tank Capacity: 1000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Heating Oil

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 6
Tank Capacity: 5000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIVERDALE AUTO SERV (Continued)

U003559076

Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 7
Tank Capacity: 5000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 8
Tank Capacity: 3000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 9

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RIVERDALE AUTO SERV (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003559076

Tank Capacity: 3000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2032787
Status: Closed
Owner Name: Lasalle National Bank Trust #26794
Owner Address: 135 S Lasalle
Chicago, IL 60674
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 10
Tank Capacity: 3000
Tank Age: 96
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

A5
ESE
1/8-1/4
730
Higher

RIVERDALE AUTO SERVICE
154 W 144TH ST
RIVERDALE, IL 60527

UST U002222424
N/A

Site 4 of 4 in cluster A

UST:

Facility ID: 2034140
Status: Merged
Owner Name: Price Associates
Owner Address: 200 W Madison St Suite 420
Chicago, IL 60606
Contact: Ehrlich Paul
Phone #: (312) 641-1800
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 1
Tank Capacity: 0
Tank Age: Not reported
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RUVERDALE AUTO SERVICE (Continued)

U002222424

Facility ID: 2034140
Status: Merged
Owner Name: Price Associates
Owner Address: 200 W Madison St Suite 420
Chicago, IL 60606
Contact: Ehrlich Paul
Phone #: (312) 641-1800
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 2
Tank Capacity: 0
Tank Age: Not reported
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Not reported

Facility ID: 2034140
Status: Merged
Owner Name: Price Associates
Owner Address: 200 W Madison St Suite 420
Chicago, IL 60606
Contact: Ehrlich Paul
Phone #: (312) 641-1800
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: N
Admin Order: No
Fee Owed: No
Sequence: 0
Tank Number: 3
Tank Capacity: 0
Tank Age: Not reported
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Not reported

B6 MOBIL OIL #05BCP
West 359 WEST 144TH ST. / STEWART
1/8-1/4 RIVERDALE, IL 60827
784
Higher Site 1 of 3 in cluster B

LUST S103292951
N/A

LUST:
Incident Num : 900452
IL EPA Id : 0312585048
IEMA Date : 02/20/1990
Attn : Michael Holland
PRP Name : Mobil Oil Corp.
PRP Address : P.O. Box 874
Joliet, IL 60434

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOBIL OIL #05BCP (Continued)

S103292951

PRP Phone : Not reported
Non LUST Determination Letter : / /
Section 57.59(g) Letter : / /
NFA/NFR Letter : / /
Site Classification : Not reported
Project Manager : Project Manager not yet assigned.
Product Type: Non Petroleum Product
General Date: 02/27/1990
General Desc: Notice of Release Letter sent
Site Name: Mobil Oil #05BCP
General Date: 11/14/1990
General Desc: Response Letter received
Site Name: Mobil Oil #05BCP
General Date: 02/13/1991
General Desc: Review Letter sent
Site Name: Mobil Oil #05BCP
General Date: 05/03/1991
General Desc: Approved Plan Letter sent
Site Name: Mobil Oil #05BCP
General Date: 02/17/1998
General Desc: Groundwater Monitoring Report received
Site Name: Mobil Oil #05BCP
NFR/NFA Date: Not reported
Taco Desc: Not reported
Site Name: Not reported
Document Desc: Not reported
Document Received: Not reported
Response Type: Not reported
Response Mailed: Not reported
Site Name: Not reported

B7 MOBIL OIL CORP SS BCP
WSW 359 W 144TH ST
1/8-1/4 RIVERDALE, IL 60627
818
Higher Site 2 of 3 in cluster B

RCRIS-SQG 1000612286
FINDS ILD984825133

RCRIS:
Owner: MOBIL OIL CORP
Contact: DAN HORTON
 (703) 849-3330
Record Date: 05/10/1991
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

B8 MOBIL 05BCP
WSW 359 W 144TH STEWART
1/8-1/4 RIVERDALE, IL 60627
818
Higher Site 3 of 3 in cluster B

UST U001134483
N/A

UST:
Facility ID: 2009021
Status: Active

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL 05BCP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001134483

Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 1
Tank Capacity: 10000
Tank Age: 30
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 2
Tank Capacity: 10000
Tank Age: 30
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 3
Tank Capacity: 8000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL 05BCP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001134483

Tank Age: 27
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 4
Tank Capacity: 550
Tank Age: 30
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Used Oil

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 5
Tank Capacity: 10000
Tank Age: 11
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714
Contact: Carter A R

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL 05BCP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001134483

Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 6
Tank Capacity: 10000
Tank Age: 11
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

Facility ID: 2009021
Status: Active
Owner Name: Mobil Oil Corporation
Owner Address: P.O. Box 142667
Austin, TX 78714

Contact: Carter A R
Phone #: (708) 382-1810
Permit Number: Not reported
Permit Expires: Not reported
Green Tag: B000719
Admin Order: No
Fee Owed: Yes
Sequence: 0
Tank Number: 7
Tank Capacity: 12000
Tank Age: 11
Tank Red Tag: No
Tank Test Date: Not reported
Tank Test Type: Not reported
Tank Test Result: Not reported
Tank Substance: Gasoline

9
NW
1/4-1/2
1322
Higher

RIVERDALE, VILLAGE OF
142ND / STEWART
RIVERDALE, IL 60827

LUST S103690081
N/A

LUST:

Incident Num : 930419
IL EPA Id : 0312585055
IEMA Date : 02/18/1993
Attn : Jim Dempsey
PRP Name : Village of Riverdale
PRP Address : 142nd & Stewart
Riverdale, IL 60627
PRP Phone : Not reported
Non LUST Determination Letter : / /
Section 57.59(g) Letter : / /
NFA/NFR Letter : / /
Site Classification : Not reported
Project Manager : Project Manager not yet assigned.
Product Type: Unleaded Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RIVERDALE, VILLAGE OF (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103690081

General Date: 02/23/1993
General Desc: Notice of Release Letter sent
Site Name: Riverdale, Village of
General Date: 03/22/1993
General Desc: 20 Day Report received
Site Name: Riverdale, Village of
General Date: 07/09/1993
General Desc: 45 Day Report received
Site Name: Riverdale, Village of
General Date: 09/27/1993
General Desc: Review Letter sent
Site Name: Riverdale, Village of
General Date: 01/05/1994
General Desc: Corrective Action Plan received
Site Name: Riverdale, Village of
General Date: 01/05/1994
General Desc: Professional Engineer Certification received
Site Name: Riverdale, Village of
General Date: 09/14/1994
General Desc: Review Letter sent
Site Name: Riverdale, Village of
NFR/NFA Date: Not reported
Taco Desc: Not reported
Site Name: Not reported
Document Desc: Not reported
Document Received: Not reported
Response Type: Not reported
Response Mailed: Not reported
Site Name: Not reported

10
West
1/4-1/2
1525
Higher

RIVERDALE, VILLAGE OF
501 WEST 144TH ST.
RIVERDALE, IL 60827

LUST S104523242
N/A

LUST:

Incident Num : 940855
IL EPA Id : 0312585022
IEMA Date : 04/20/1994
Attn : Frank Koehler
PRP Name : Village of Riverdale
PRP Address : 325 West 142nd St.
Riverdale, IL 60622
PRP Phone : Not reported
Non LUST Determination Letter : / /
Section 57.59(g) Letter : / /
NFA/NFR Letter : 02/02/1995
Site Classification : NFA
Project Manager : Brockamp
Product Type: Unleaded Gasoline
General Date: 04/21/1994
General Desc: Notice of Release Letter sent
Site Name: Riverdale, Village of
General Date: 07/29/1994
General Desc: 20 Day Report received
Site Name: Riverdale, Village of
General Date: 07/29/1994
General Desc: 45 Day Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIVERDALE, VILLAGE OF (Continued)

S104523242

Site Name: Riverdale, Village of
NFR/NFA Date: Not reported
Taco Desc: Not reported
Site Name: Not reported
Document Desc: Site Classification Work Plan
Document Received: 06/09/1994
Response Type: Denied
Response Mailed: 09/22/1994
Site Name: Riverdale, Village of
Document Desc: Site Classification Work Plan
Document Received: 10/07/1994
Response Type: Approved
Response Mailed: 02/02/1995
Site Name: Riverdale, Village of
Document Desc: Site Classification Completion Report
Document Received: 01/11/1995
Response Type: Approved
Response Mailed: 02/02/1995
Site Name: Riverdale, Village of

11
West
1/2-1
3521
Higher

AMOCO OIL COMPANY
14399 SOUTH HALSTED STREET
RIVERDALE, IL 60627

SRP S104872933
N/A

SRP:
Lat/Long : 41.63367 / -87.64133
IL EPA Id : 0312580013
US EPA Id : Not reported
Remediation Applicant Co : Thornton Township
Remediation Applicant Title : Mr.
Contact First Name: Frank
Contact Last Name : Zuccarelli
Contact Address : 333 East 162nd Street
Contact Address: 333 East 162nd Street
South Holland, IL, 60473
Contact Phone : 7085966040
Date Enrolled : 12/08/2000
Consultant Company : Hygieneering, Inc.
Point Of Contact : Garrick J. Milkeris
Consultant Address: 7575 Plaza Court
Willowbrook, IL, 60521
Consultant Phone : (630) 654-2550
Proj Mgr Assigned : Landers
Sec. 4 Letter Date : / /
No Further Remediation Letter Dt : / /
NFR Recorded : / /
Active : True
Site Type : Not reported
Total Acres : 0.82900

12
NW
1/2-1
4930
Higher

MID-AMERICA ENVIROMENT SVC INC
13840 S HALSTED ST
RIVERDALE, TX 60627

Ind. Haz Waste S102745807
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MID-AMERICA ENVIROMENT SVC INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102745807

TX IHW:

Registration Number: 40407
Registration Initial Notification Date: 04/07/1983
Registration Last Amendment Date: 05/18/1992
EPA Identification: ILT180010365
TNRCC Permit Number: Not reported
Description of Facility Site Location: 13840 S HALSTED ST, RIVERDALE, IL
Site Primary Standard Industrial Code: 00
Not reported
Registration is a Generator of Waste: No
Registration is a Receivers of Waste: No
Registration is a Transporter of Waste: Yes
Registration is a Transfer Facility: No
Mexican Facility: Does not represent a Maquiladora (Mexican Facility)
Facility Status: Mailing Address Incorrect
Type of Generator: Not reported
Company Name: MID-AMERICA ENVIROMENT SVC INC
Facility County: Not reported
TNRCC Region: Not reported
Mailing Address: 13840 S HALSTED ST
RIVERDALE, IL 60627
Mailing County: USA
Mailing Add 3: Not reported
Contact: ROSS HERMAN
Contact Telephone Number: 800-841-7021

Additional detail may be available for this site. Please contact your EDR Account Executive for more information

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BLUE ISLAND	S103823775	CLARK BLUE ISLAND REFINERY	131ST STREET AND KEDZIE AVENUE	60406	SHWS	0310240005
CALUMET PARK	1001970007	CALUMET TRAILER.	120TH ST & PAULINA	60827	CERCLIS	
CHICAGO	S104296094	PENN CENTRAL CORP.	810 EAST 124TH STREET	60827	SHWS	0316490002
CHICAGO	2000665597	440 EAST 138TH STREET	440 EAST 138TH STREET	60827	ERNS	
CROSSVILLE	S104492247	BAKER PETROLITE	315 SOUTH STATE STREET	60827	SRP	0310690003
DOLTON	S104908409	RIVER BEND PRAIRIE COMPOST FACILITY	138TH ST. / COTTAGE GROVE AVE.	60419	SWF/LF	
DOLTON	S103688975	UNION PACIFIC RAILROAD	147TH INDIANA AVE.	60419	LUST	
HARVEY	S103292728	CSX TRANSPORTATION	MP 125.5 / PARK AVE.	60426	LUST	
HARVEY	S103292730	HARVEY SCHOOL DIST.	145TH / MYRTLE	60426	LUST	0310690003
HARVEY	S103292733	MOBIL OIL #5BDG	288 WEST 147TH / OAKLEY	60426	LUST	
HARVEY	S103689310	SHELL OIL CO.	273 EAST 147TH / HALSTED	60426	LUST	0310690003
RIVERDALE	S103292953	RIVERDALE PUMPING STATION	137TH PLACE / MICHIGAN	60827	LUST	
RIVERDALE	98451110	141ST STREET AND STEWART	141ST STREET AND STEWART		ERNS	0310690003
RIVERDALE	S104522691	JO-VE INC.	169 EAST 146TH ST.	60827	LUST	
UNICORPORATED	1001594808	MARKHAM DRUMS	161ST & CLAREMONT	60426	CERCLIS	

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 06/25/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 06/25/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/00
Date Made Active at EDR: 08/01/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00
Elapsed ASTM days: 50
Date of Last EDR Contact: 06/12/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/29/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 04/19/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/18/01
Date of Next Scheduled EDR Contact: 09/17/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 07/10/01
Date of Next Scheduled EDR Contact: 10/08/01

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/07/01
Date of Next Scheduled EDR Contact: 08/06/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/01
Date of Next Scheduled EDR Contact: 07/23/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/11/00
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/01

Date of Next Scheduled EDR Contact: 09/10/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/98

Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/01

Date of Next Scheduled EDR Contact: 09/24/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/24/01

Date of Next Scheduled EDR Contact: 07/23/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/26/01

Date of Next Scheduled EDR Contact: 09/24/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/26/01

Date of Next Scheduled EDR Contact: 09/24/01

STATE OF ILLINOIS ASTM STANDARD RECORDS

SHWS: State Oversight List

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4863

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/00
Date Made Active at EDR: 08/08/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/05/00
Elapsed ASTM days: 34
Date of Last EDR Contact: 05/30/01

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/00
Date Made Active at EDR: 04/30/01
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/28/01
Elapsed ASTM days: 33
Date of Last EDR Contact: 05/29/01

LUST: Leaking Underground Storage Tank Sites

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6760

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/26/01
Date Made Active at EDR: 06/28/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 30
Date of Last EDR Contact: 05/29/01

UST: Underground Storage Tank Facility List

Source: Illinois State Fire Marshal
Telephone: 217-785-0969

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/23/01
Date Made Active at EDR: 04/30/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01
Elapsed ASTM days: 35
Date of Last EDR Contact: 05/29/01

CAT: Category List

Source: Illinois EPA
Telephone: N/A

Sites on this list are: Notice of Response Action, NPL, Pre/proposed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Started and/or Completed Sites.

Date of Government Version: 06/01/97
Date Made Active at EDR: 08/14/97
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/07/97
Elapsed ASTM days: 38
Date of Last EDR Contact: 02/26/01

STATE OF ILLINOIS ASTM SUPPLEMENTAL RECORDS

IL NIPC: Solid Waste Landfill Inventory

Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/88
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/97
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SRP: Site Remediation Program Database

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 05/18/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/22/01

Date of Next Scheduled EDR Contact: 08/20/01

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

251-265 W. 144TH STREET
251-265 W. 144TH STREET
RIVERDALE, IL 60827

TARGET PROPERTY COORDINATES

Latitude (North):	41.634102 - 41° 38' 2.8"
Longitude (West):	87.628799 - 87° 37' 43.7"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	447625.5
UTM Y (Meters):	4609130.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2441087-F6 BLUE ISLAND, IL
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General North

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
COOK, IL

FEMA Q3 Flood
Data Electronic Coverage
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:
Additional Panels in search area:

1701500005C / CBPP
1700740130B / CBPP
1700830001C / CBPP
1700830003C / CBPP
1700830002C / CBPP
1701000005C / CBPP
1701630001C / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BLUE ISLAND

NWI Electronic
Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Location Relative to TP: 1 - 2 Miles ENE
Site Name: Land & Lakes #2
Site EPA ID Number: ILD981531882
Surficial Aquifer Flow Dir.: N TOWARD THE LITTLE CALUMET RIVER.
Measured Depth to Water: not available.
Hydraulic Connection: While a hydraulic connection between the near-surface lacustrine and glacial drift deposits aquifer and the underlying Silurian Dolomite bedrock aquifer is unlikely, a downward vertical ground water flow is present.
Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/4 - 1/2 Mile NW	Not Reported
B10	1/2 - 1 Mile SSE	Not Reported
16	1 - 2 Miles NE	Not Reported
17	1 - 2 Miles NW	SSW
19	1 - 2 Miles ESE	N
20	1 - 2 Miles ENE	N
21	1 - 2 Miles NNE	W

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOLOGIC AGE IDENTIFICATION

Geologic Code: S2
Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagaran)

ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Surficial Soil Types: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand
loamy sand
fine sand
silty clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-----------------------------

Not Responsive

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-----------------------------

Not Responsive

-

CUSTOMER: URS Corporation
CONTACT: Ron Short
INQUIRY #: 655706.1s
DATE: July 12, 2001 4:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
WSW
1/8 - 1/4 Mile
Higher

FRDS PWS IL0073775

PWS ID: IL0073775 PWS Status: Active
Date Initiated: June / 77 Date Deactivated: Not Reported
PWS Name: BEAUBIEN PRESERVE GR HP 5127
WO XWY SO 130TH ST 74353
CHICAGO, IL 60627

Addressee / Facility: Not Reported

Facility Latitude: 41 37 59 Facility Longitude: 087 37 59
City Served: Not Reported
Treatment Class: Untreated Population: 400

PWS currently has or had major violation(s) or enforcement: No

2
NW
1/4 - 1/2 Mile
Higher

Site ID: S100527847
Groundwater Flow: Not Reported
Deep Water Depth: 7
Average Water Depth: 5.10
Shallow Water Depth: 3.7
Current Deep Depth: 6.30
Current Average Depth: Not Reported
Current Shallow Depth: 5.04
Date: 12/30/1993

AQUIFLOW 62864

3
West
1/2 - 1 Mile
Higher

IL WELLS GIL00020917

Not Responsive

4
WSW
1/2 - 1 Mile
Higher

IL WELLS GIL00020919

Not Responsive

A5
SSE
1/2 - 1 Mile
Higher

IL WELLS P2795

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	Not	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not		
Permit:	Not Reported	Date Drilled:	00/00/1967
Depth (in feet):	138	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	09	Plot Location:	Not Reported
Well Use:	Domestic	Well Type:	ASSUMED DRILLED
Record Type:	Construction Report,Geology		
Driller:	HOLLEMAN		

A6
SSE
1/2 - 1 Mile
Higher

IL WELLS P2797

Well ID:	Not	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not Responsive		
Permit:	Not Reported	Date Drilled:	02/00/1940
Depth (in feet):	102	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	09	Plot Location:	Not Reported
Well Use:	Domestic	Well Type:	ASSUMED DRILLED
Record Type:	Geology,Any other type of record		
Driller:	KRAMER		

A7
SSE
1/2 - 1 Mile
Higher

IL WELLS P2796

Well ID:	Not	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not		
Permit:	Not Reported	Date Drilled:	00/00/1966
Depth (in feet):	134	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	09	Plot Location:	Not Reported
Well Use:	Domestic	Well Type:	ASSUMED DRILLED
Record Type:	Construction Report,Geology		
Driller:	HOLLEMAN		

A8
SSE
1/2 - 1 Mile
Higher

IL WELLS P2798

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	Not	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not		
Permit:	M008135	Date Drilled:	09/10/1969
Depth (in feet):	198	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	09	Plot Location:	Not Reported
Well Use:	Domestic	Well Type:	ASSUMED DRILLED
Record Type:	Construction Report,Geology		
Driller:	HOLLEMAN		

B9
SSE
1/2 - 1 Mile
Higher

IL WELLS GIL00020920

Not Responsive

B10
SSE
1/2 - 1 Mile
Higher

Site ID:	S100334485
Groundwater Flow:	Not Reported
Deep Water Depth:	6
Average Water Depth:	Not Reported
Shallow Water Depth:	5
Current Deep Depth:	6.74
Current Average Depth:	Not Reported
Current Shallow Depth:	3.81
Date:	04/24/1996

AQUIFLOW 56402

C11
NE
1/2 - 1 Mile
Higher

IL WELLS P2774

Well ID:	Not	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not Responsive		
Permit:	M112585	Date Drilled:	08/00/1984
Depth (in feet):	343	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	03	Plot Location:	N
Well Use:	IN	Well Type:	IL
Record Type:	Construction Report,Geology		
Driller:	KNIERIM		

D12
South
1/2 - 1 Mile
Higher

IL WELLS P2801

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	037520	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not Responsive	Y	Not
Permit:	Not Reported	Date Drilled:	01/00/1968
Depth (in feet):	427	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	No
Section:	09	Plot Location:	
Well Use:	IN	Well Type:	II
Record Type:	Chemical Analysis, Inventory		
Driller:	LAYNE-WESTERN		

D13
South
1/2 - 1 Mile
Higher

IL WELLS P2802

Well ID:	037521	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not Responsive	Y	Not
Permit:	Not Reported	Date Drilled:	01/00/1968
Depth (in feet):	920	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	36N	Range:	Not
Section:	09	Plot Location:	Responsive
Well Use:	IN	Well Type:	II
Record Type:	Chemical Analysis, Inventory		
Driller:	LAYNE-WESTERN		

14
NNE
1/2 - 1 Mile
Higher

IL WELLS P5562

Well ID:	037416	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	Not Responsive		
Permit:	X112587	Date Drilled:	07/00/1984
Depth (in feet):	330	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	37N	Range:	Not Responsive
Section:	33	Plot Location:	
Well Use:	Observation	Well Type:	II
Record Type:	Construction Report, Geology		
Driller:	KNIERIM		

C15
NE
1/2 - 1 Mile
Higher

IL WELLS GIL00025541

Not Responsive

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

16
NE
1 - 2 Miles
Higher

Site ID: S100530422
Groundwater Flow: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: Not Reported
Shallow Water Depth: 6
Current Deep Depth: Not Reported
Current Average Depth: Not Reported
Current Shallow Depth: Not Reported
Date: 01/13/1994

AQUIFLOW 62147

17
NW
1 - 2 Miles
Higher

Site ID: S100566908
Groundwater Flow: SSW
Deep Water Depth: 5.59
Average Water Depth: Not Reported
Shallow Water Depth: 4.49
Current Deep Depth: 10
Current Average Depth: Not Reported
Current Shallow Depth: 6
Date: 04/25/1995

AQUIFLOW 63001

18
ESE
1 - 2 Miles
Higher

Site ID: S100343931
Groundwater Flow: Not Reported
Deep Water Depth: 6
Average Water Depth: Not Reported
Shallow Water Depth: 5
Current Deep Depth: Not Reported
Current Average Depth: Not Reported
Current Shallow Depth: Not Reported
Date: 10/06/1992

AQUIFLOW 62019

19
ESE
1 - 2 Miles
Higher

Site ID: S102620295
Groundwater Flow: N
Deep Water Depth: 5.06
Average Water Depth: Not Reported
Shallow Water Depth: 4.34
Current Deep Depth: 5.01
Current Average Depth: Not Reported
Current Shallow Depth: 3.85
Date: 06/30/1997

AQUIFLOW 62997

20
ENE
1 - 2 Miles
Higher

Site ID: 1000274369
Groundwater Flow: N
Deep Water Depth: Not Reported
Average Water Depth: 7
Shallow Water Depth: Not Reported
Current Deep Depth: 6.88
Current Average Depth: Not Reported
Current Shallow Depth: 5.06
Date: 07/31/1997

AQUIFLOW 27154

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

21
NNE
1 - 2 Miles
Higher

Site ID: S100053498
Groundwater Flow: W
Deep Water Depth: 4.84
Average Water Depth: Not Reported
Shallow Water Depth: 0.52
Current Deep Depth: 4.84
Current Average Depth: Not Reported
Current Shallow Depth: 0.52
Date: 08/28/1992

AQUIFLOW 27284

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for COOK County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

COOK COUNTY, IL

Number of sites tested: 82

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.273 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	1.740 pCi/L	93%	7%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

County Well Data in Illinois: Cook and DuPage Counties

Source: Illinois State Geological Survey

Telephone: 217-244-2387

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Illinois State Geological Survey Water Wells

Source: Illinois State Geological Survey

Telephone: 217-333-5102

Point data set that shows locations, well type, and well ID for wells in Illinois. Data comes from driller's logs.

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Appendix C

Aerial Photographs



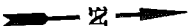
INCA012200000172\AERIAL.dwg
 V01970 s1=1

URS

122 So. Michigan Ave.
 Suite 1920
 Chicago, Illinois 60603

1990 AERIAL PHOTO
 251-265 w. 144th ST.
 RIVERDALE, ILLINOIS

DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	C



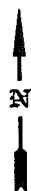
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URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1980 AERIAL PHOTO
251-265 W. 144th ST.
RIVERDALE, ILLINOIS

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DRAWN:	LM	DATE:	7/16/01			C



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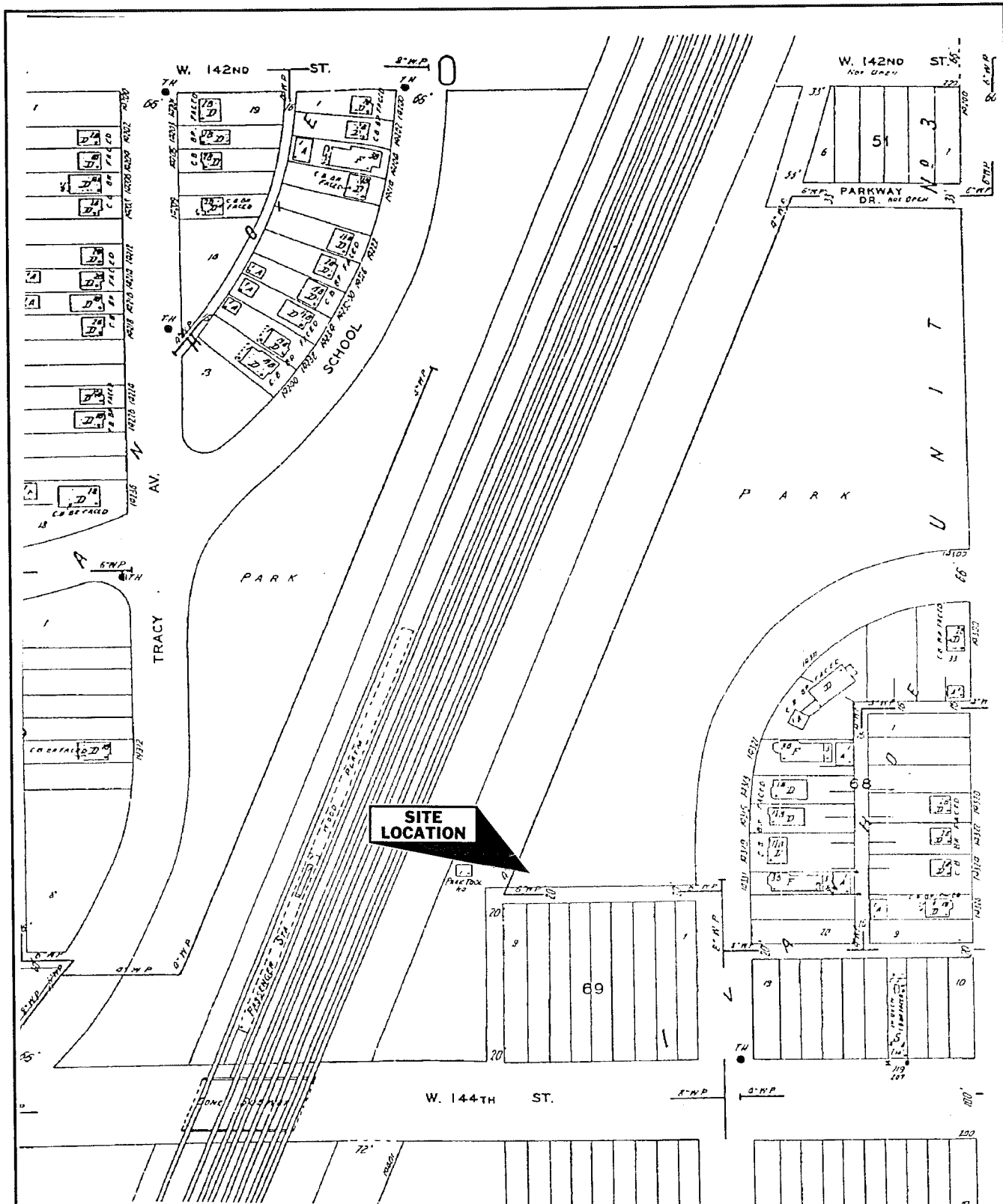
URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1970 AERIAL PHOTO
251-265 w. 144th ST.
RIVERDALE, ILLINOIS

DESIGN:	RWS	CHK'D	CAA	PROJECT NO.	APPENDIX
DRAWN:	LM	DATE:	7/16/01	2200000172	C

Appendix D
Fire Insurance Maps



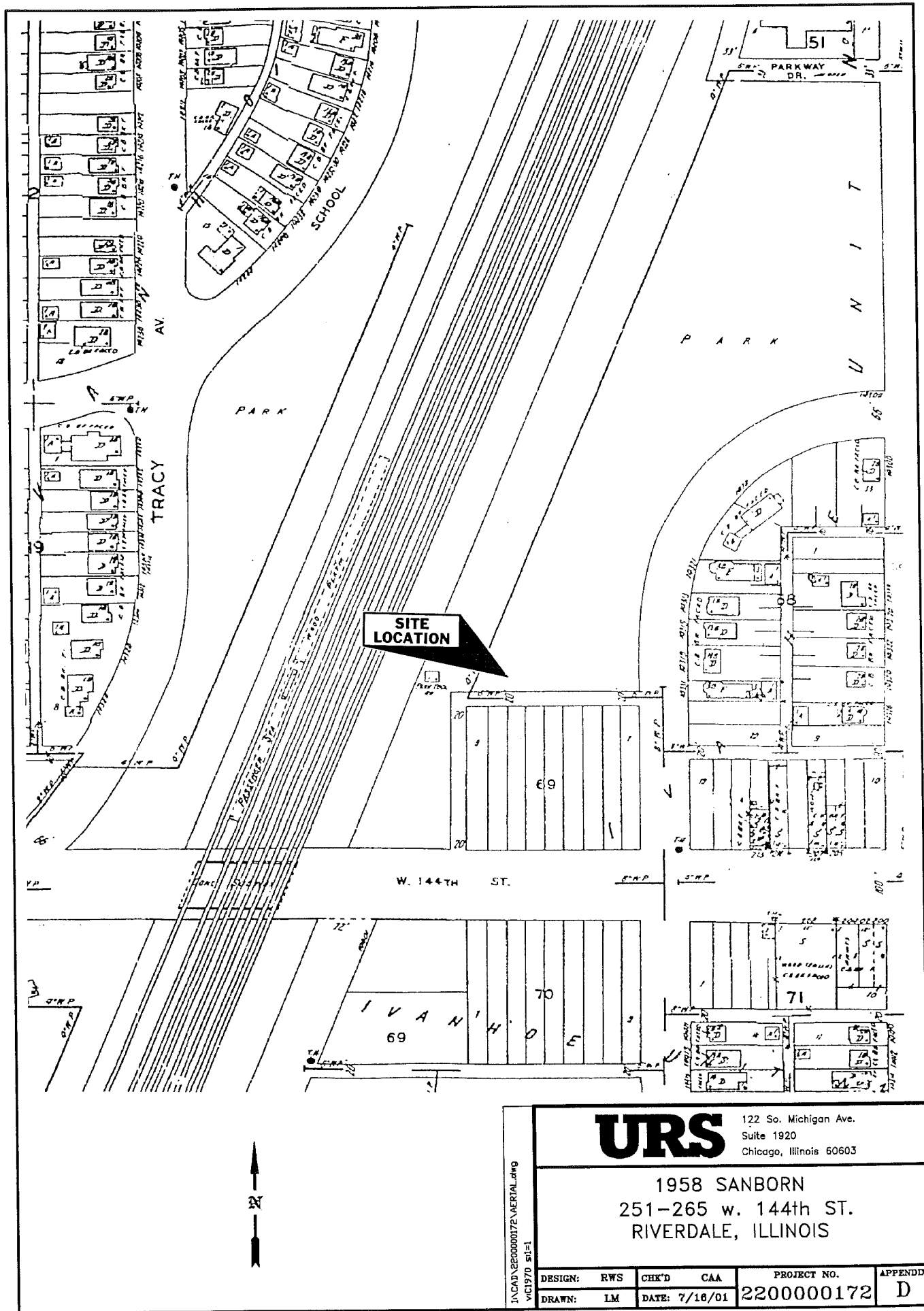
URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1951 SANBORN
251-265 W. 144th ST.
RIVERDALE, ILLINOIS

INCAD\2200000172\AERIAL.dwg
VCI970 S1E1

DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	D



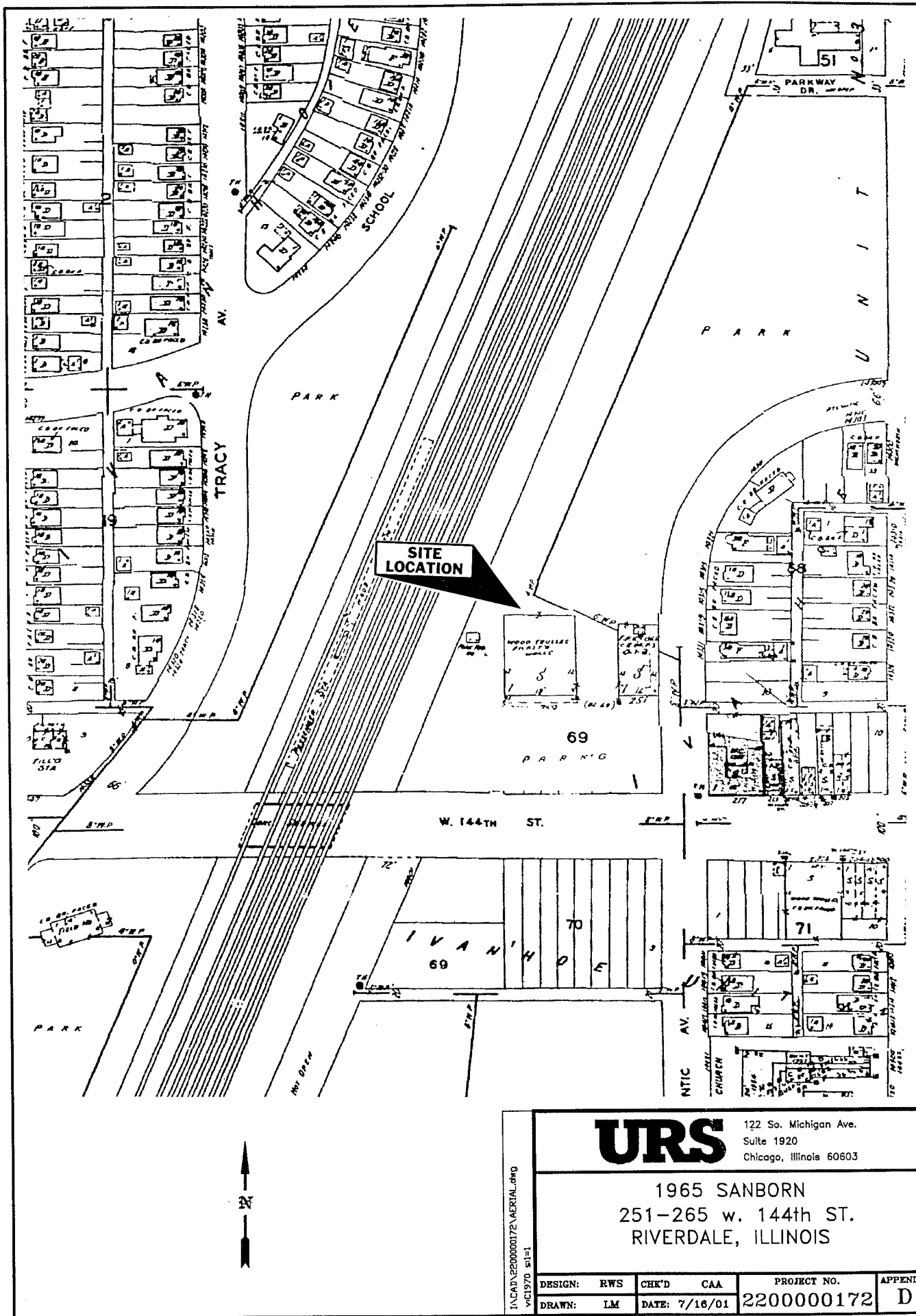
URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1958 SANBORN
251-265 w. 144th ST.
RIVERDALE, ILLINOIS

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DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	D



URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

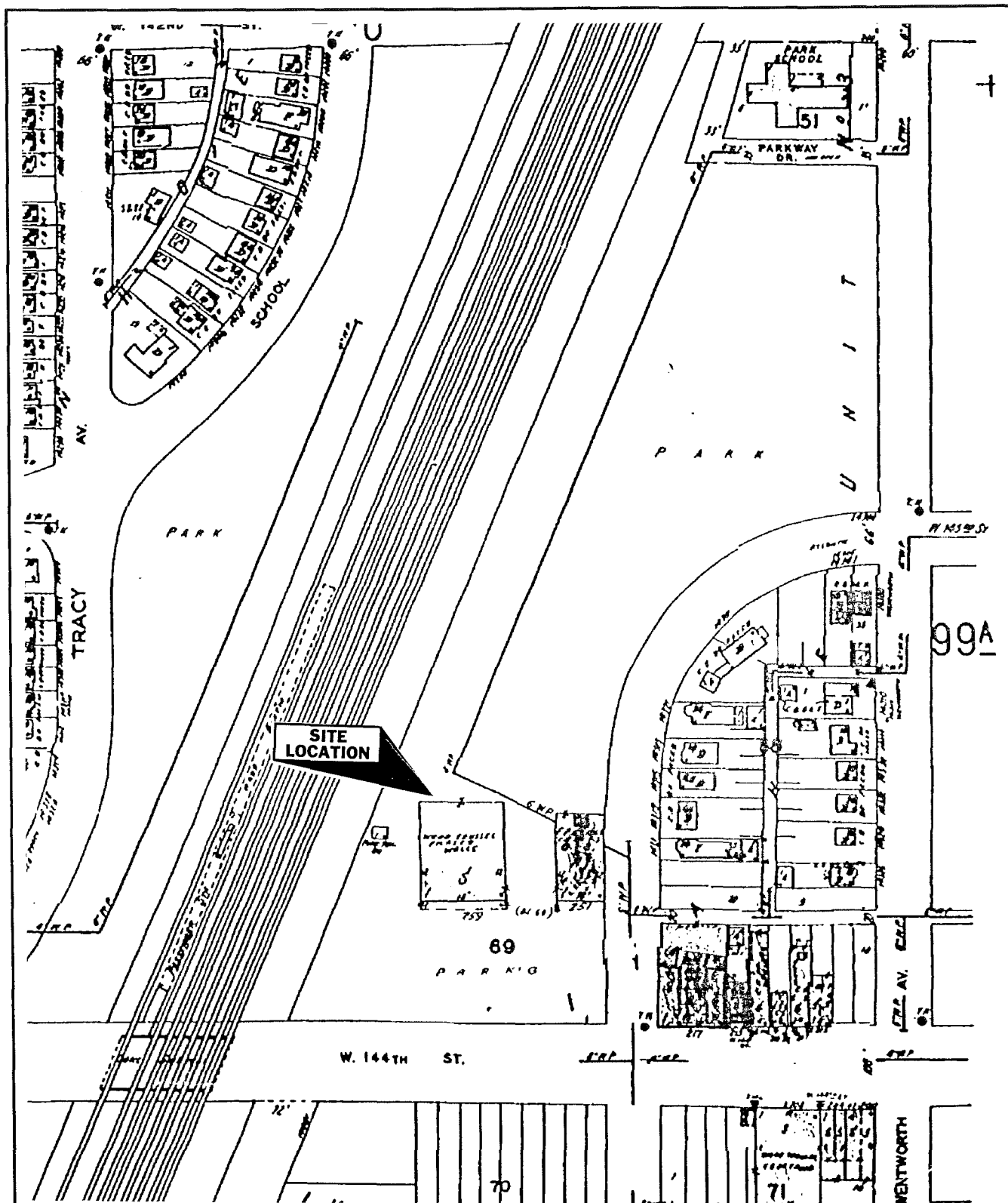
1965 SANBORN
251-265 w. 144th ST.
RIVERDALE, ILLINOIS

DESIGN: RWS
CHK'D: CAA
DRAWN: LM
DATE: 7/16/01

PROJECT NO.
2200000172

APPENDIX
D

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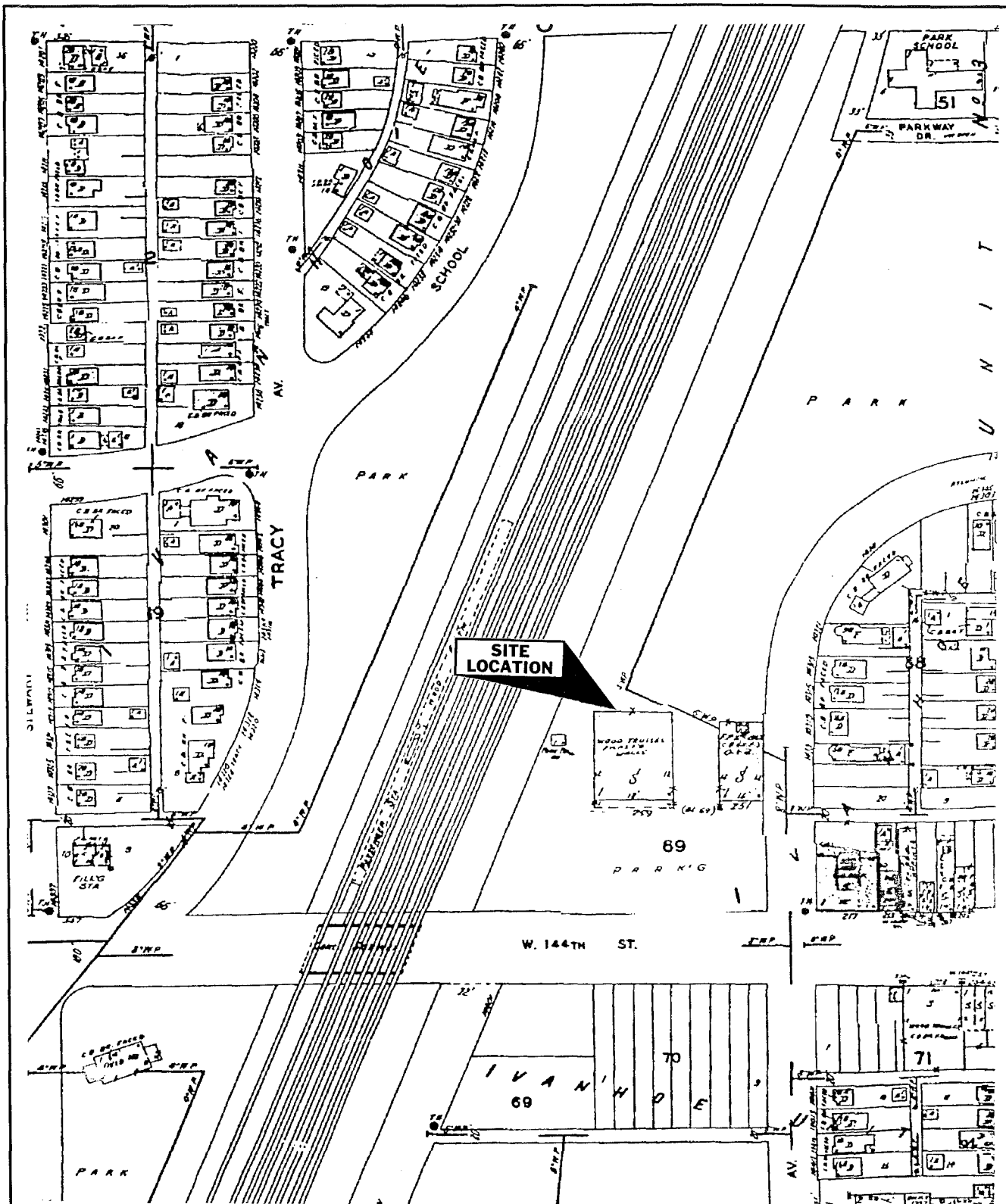
URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1966 SANBORN
251-265 W. 144th ST.
RIVERDALE, ILLINOIS

INCAD 2200000172 AERIAL.dwg
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DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	D



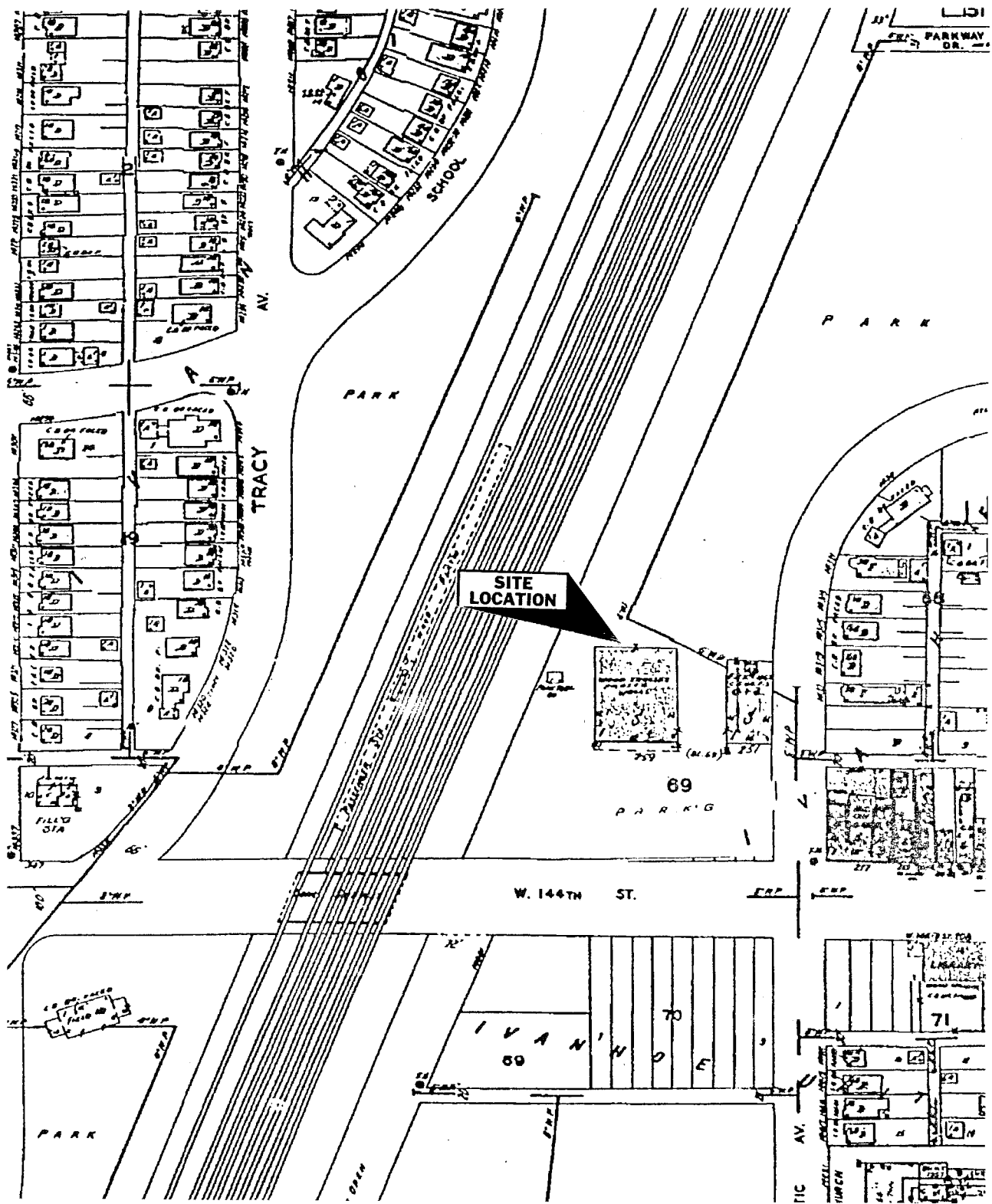
URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1967 SANBORN
251-265 W. 144th ST.
RIVERDALE, ILLINOIS

INCAD V2200000172 \AERIAL.DWG
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DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	D



URS

122 So. Michigan Ave.
Suite 1920
Chicago, Illinois 60603

1975 SANBORN
251-265 W. 144TH ST.
RIVERDALE, ILLINOIS

INCAD\2200000172\AERIAL.DWG
VCI970 S1=1

DESIGN: RWS	CHK'D CAA	PROJECT NO.	APPENDIX
DRAWN: LM	DATE: 7/16/01	2200000172	D

Appendix E

Local/Property Records

RIVERDALE FIRE PREVENTION BUREAU

333 W. 142nd Street • Riverdale, Illinois 60627
Phone 849-2122

April 29, 1981

Big "B" Grocery Store
Ms. Jackie Koch
265 W. 144th St.
Riverdale, Ill. 60627

RE: Underground Tank Testing

Dear Ms. Koch:

Per Village Ordinance, article 9, Service Stations, Section 14, all existing underground combustible or flammable liquid storage tanks shall be tested and certified as tight by a qualified testing individual or firm by January 1, 1976 and once every four (4) years thereafter.

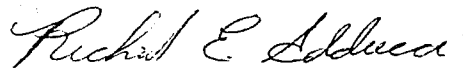
This is to inform you that you are required to have all underground tanks and piping tested this year, 1981.

We will also require a notarized copy from the qualified testing individual or firm of the test itself.

The Fire Department is to be notified by the qualified individual or firm the day, date and time of the test so that we can witness it.

Thank you in advance for your cooperation in this matter.

Sincerely,



Richard E. Adducci, S.C.F.I.
Assistant Supervisor
Riverdale Fire Prevention Bureau

REA/ps

Enclosure/1

cc: Fire Committee
Fire Chief
Village Clerk
File

An ounce of prevention saves lives, limbs and tons of water

RIVERDALE FIRE PREVENTION BUREAU

142nd and Stewart Avenue • Riverdale, Illinois 60627

Phone 849-2122

May 19, 1983

Ms. Jackie Koch
Big "B" Food Store
265 W. 144th St.
Riverdale, Il. 60627

Re: Underground Tank Testing

Dear Ms. Koch:

Per Village Ordinance 5.104.310 Service Stations, all existing underground combustible or flammable liquid storage tanks shall be tested and certified as tight by a qualified testing individual or firm once every four (4) years.

This is to inform you that you are required to have all underground tanks and piping tested this year, 1983.

We will also require a notarized copy from the qualified testing individual or firm of the test itself.

The Fire Department is to be notified by the qualified individual or firm the day, date and time of the test so that we can witness it.

Thank you in advance for your cooperation in this matter.

Sincerely,



Richard E. Adducci, S.C.F.I.

Assistant Supervisor

Riverdale Fire Prevention Bureau

REA/ik

Enc. 1

cc - Fire Committee
Fire Chief
Village Clerk
File

Appendix F

Resumes

AREAS OF EXPERTISE

- Remediation Systems
- Environmental Site Investigation
- Hydrogeology

EDUCATION

Duke University: M.E.M.,
Water Resource
Management, 1989

Tufts University: B.S.,
Environmental Studies,
Geology 1986

**PROFESSIONAL
HISTORY**

URS Corporation, Project
Geologist, 1990-Present

North Carolina Department
of Environment, Health &
Natural Resources, Water
Supply Specialist, 1989-
1990

U.S. Geological Survey,
Hydrologic Technician,
1988-1989

REGISTRATION

Certified Hazardous
Materials Manager, Master
Level

TRAINING

Indiana Department of
Environmental
Management, Risk
Integrated System of
Closure (RISC)

Understanding Migration,
Assessment, and

REPRESENTATIVE EXPERIENCE

Ms. Rubin has extensive experience in remediation, specifically as it relates to ground water and soil contamination. Ms. Rubin has been involved in many environmental field investigations ranging in size from site audits and small municipal landfill sites to large RCRA and CERCLA sites.

Ms. Rubin has performed the duties of project manager overseeing collection of soil, ground water, surface water and sediment samples. Her work includes all phases of investigation from pre-mobilization work such as workplans, health and safety plans, sampling and analysis plans; to collection and analysis of field data; and preparation of technical reports. Her experience includes:

- Brownfields investigations in Northwest Indiana to support closure by the Indiana Voluntary Remediation Program (VRP). At one site a golf course will be used as a cap for remediation purposes. Another site will be used as a park area. A third site will be reused as a commercial industrial site, with plans including a hotel, business park and industrial facility.
- Analysis of hydrogeologic data and remediation control system parameters to optimize free phase hydrocarbon recovery at an active refinery. This included determining the number and spacing of wells to be monitored, drawdown rates and appropriate capture zones. These data will be used in the operation and maintenance of over 70 remediation systems at the site, and in the determination of when the systems have fulfilled their objectives.
- Phytoremediation pilot tests using wetland species and prairie species to remediate hydrocarbons, phenols, and high pH.
- An experimental project to determine the effects of hydraulic fracturing of clay soils to enhance vapor recovery. She oversaw the drilling and hydraulic fracturing of the clay formation and the installation of the vapor extraction wells into the fractured formation. Ms. Rubin then performed the operation and maintenance of the high vacuum vapor extraction system. She collected air samples from the vapor extraction system waste stream and analyzed the air samples on an on-site portable gas chromatograph.

Remediation of Non-Aqueous Phase Liquids

Probability, Statistics & Human Health Risk Assessment

Contaminant Fate & Transport

Hazardous Waste Health & Safety Site Supervisor

Construction Safety & Health

AFFILIATIONS

National Ground Water Association

- Performance of risk assessments at a number of gasoline contaminated sites. She assembled data from numerous sources to be used as input parameters for risk assessment modeling. She performed the ASTM risk based corrective action (RBCA) risk assessment models. Most of the sites which she analyzed resulted in "No Further Action".
- Statistical analysis of a number of long-term ground water monitoring programs, including sites regulated under RCRA and CERCLA, for compliance monitoring, detection monitoring and corrective action monitoring. She determined the most appropriate statistical methods and distribution for each statistical test, performed the calculations and the analyses, and prepared the technical reports.
- Performance of RCRA Facility Investigation including surface and subsurface soils sampling, analysis of data, comparison of data to regulatory guidelines and report writing.
- Implementation of preventative measures at a number of solid waste management units at RCRA facility.
- A number of hydrogeologic investigations with ground water transport modeling for radionuclides, inorganic chemicals, organic compounds, solvents, and hazardous waste.
- Design, collection and analysis of a water use inventory of the Currituck County Outer Banks of North Carolina. She used these data and population growth estimates to predict water use in the area for the next twenty years. Her report was used in the determination of future water supply alternatives.

PUBLICATIONS

"Application of Field and Analytical Techniques to Evaluate Recoverability of Subsurface Free Phase Hydrocarbons", Proceedings of the 1999 Petroleum Hydrocarbons and Organic Chemicals in Ground Water, November 1999.

AREAS OF EXPERTISE

- UST Management & Removal
- Environmental Site Assessments

EDUCATION

Moraine Valley
Community College: A.S.,
1987

**PROFESSIONAL
HISTORY**

URS, Senior Technician,
1996-Present

Camp, Dresser & McKee,
Inc., Senior Technician,
1995-1996

Woodward-Clyde, Senior
Technician, 1989-1995

Ecology and Environment,
Inc., Environmental
Technician, 1987-1989

TRAINING

40-Hours Basic Health &
Safety Training

8-Hours Site Supervisor
Training

AHERA Asbestos
Inspector Training

U.S. Army ECAS Training

Troxler Electronic
Laboratories Radiological
Safety and Nuclear Gauge
Operation Training

8-Hours Lead Inspector
Training

REPRESENTATIVE EXPERIENCE

While working with URS, Mr. Short has conducted work on a wide scope of projects ranging from small real estate transaction assessments to full-scale soil and groundwater investigations at major oil refineries. Mr. Short has worked on over 100 projects with URS which include: soil and groundwater investigations, contaminated soil removal, underground storage tank removal and remediation, Phase I & II Site Assessments, compliance audits, geotechnical investigations, and asbestos surveys. His specific responsibilities for these projects have included: planning field activities, coordinating field work with subcontractors, file searches, logging geologic borings, inspecting the installation of monitoring wells, closure sampling of contaminated soil excavations, conducting on-site health and safety procedures, conducting elevation surveys, asbestos sampling, health and safety plan preparation, work plan preparation, and report writing. Has gained extensive experience in over 70 hazardous waste site investigations in conjunction with the U.S. EPA CERCLA program.

Mr. Short's specific project experience includes:

- Amoco Oil Refinery, Whiting, Indiana: Inspected the drilling and installation of over 15 monitoring wells in conjunction with a storm water surge basin closure. Conducted health and safety procedures during drilling and soil sampling activities on a barge on the storm water surge basin. Participated in several rounds of quarterly groundwater sampling of 44 monitoring wells.
- Phase I/II Site Assessment, UGN, Inc., Chicago Heights, Illinois: Conducted site reconnaissance, file search, records review, and prepared Phase I report. During Phase II subcontracted laboratory and driller, directed drilling activities in areas with potential contamination, interpreted analytical data and prepared Phase II report.
- Phase I Site Assessment, Chicago Dock & Canal, Chicago, Illinois: Conducted site reconnaissance, file search, records review, and prepared Phase I report for Indianapolis portion of the project. Performed similar tasks on the Chicago portion of the project.
- W65 Industrial Park, Richmond Asset Management, Bedford Park, Illinois: Conducted a site reconnaissance, records review, file search, and Prepared the Phase I report

for the property. Conducted field oversight and sampling during closure of six USTs on the property. Participated in the sampling and preparation of a comprehensive asbestos survey of the property building.

- Shell Oil Refinery, Wood River, Illinois - Directed drilling activities during an investigation of former solid waste management units. Logged the lithology of soil borings and conducted field screening of soil samples to determine which samples would be most appropriate for laboratory submittal.
- Dow Corning, Carrolton, Kentucky - Responded to a spill situation in which an undetermined amount of hydrochloric acid solution had leaked into the ground through a hole in an underground sump. Directed drilling and monitoring well installation activities at the source of the spill and field tested soil samples for pH. Delineated the extent of contamination and conducted oversight and monitoring during remediation activities which involved injection of caustic solution.
- Union Pacific Railroad, Dolton, Illinois - Directed drilling activities which involved soil sampling and the installation of 23 temporary piezometers and 7 monitoring wells to delineate the extent of hydrocarbon contamination of a diesel fueling facility. Conducted colorimetric Immunoassay tests in the field to estimate levels of contaminants prior to installing permanent monitoring wells.

AREAS OF EXPERTISE

- Environmental Site Assessments
- Environmental Compliance
- Asbestos

EDUCATION

Governors State
University: M.S.,
Environmental Biology,
1991

University of Illinois: B.S.,
Biology, 1987

REGISTRATION

State Licensed
Building Inspector,
Management Planner

- Illinois
- Ohio
- Iowa
- Wisconsin

**PROFESSIONAL
HISTORY**

URS, Assistant Project
Scientist, 1992 - Present

Nova Environmental
Services, Inc.,
Environmental Scientist,
1990 - 1992

Alex, Inc., Environmental
Technologist, 1988-1990

REPRESENTATIVE EXPERIENCE

Mr. Albrecht has over twelve years in the environmental field, focusing on Phase I and Phase II Environmental Site Assessments. He has conducted work on a wide scope of projects which include: soil and groundwater investigations, underground storage tank removal, environmental compliance assessments, and asbestos surveys.

Mr. Albrecht has participated in a wide variety of projects, including the following:

Environmental Assessments

- Performed assessments of environmental and occupational safety and health compliance at Federal Aviation Administration (FAA) facilities as part of four teams at 58 stations throughout the state of Alaska. Served as the team leader responsible for scheduling, budget and project coordination in the field. Evaluated the environmental compliance of various facilities in terms of 12 protocols under the Environmental Compliance Assessment Program developed by the USACE, including: Air Emissions Management, Cultural and Historical Resources Management, Hazardous Materials Management, Hazardous Waste Management, Natural Resource Management, Pesticide Management, Petroleum, Oil, and Lubricant (POL) Management, Solid Waste Management, Special Pollutants Management, Underground Storage Tanks (UST) Management, Water Quality Management, and Past Practices Management.
- Performed environmental assessments of a large petroleum company's chemical business unit comprised of their corporate offices, two processing facilities, and eleven warehouse distribution facilities located throughout North America. As part of this compliance audit, the following regulations were evaluated: Clean Air Act, the Clean Water Act, Federal Water Pollution Control Act, CERCLA, RCRA, TSCA, Safe Drinking Water Act, SARA Title II, FIFRA, and OSHA Regulations 29 CFR 1910 and 1926.
- Performed environmental assessments of the U.S. Army National Guard facilities in Rhode Island and Connecticut as part of the U.S. Army's Environmental Compliance Assessment System (ECAS). Evaluated the environmental compliance of various facilities in terms of 17 protocols,

TRAINING

40-Hour Health & Safety Training

10-Hour OSHA Construction Training

8-Hour Site Supervisor Training

First Aid/CPR

AHERA Asbestos Inspector/Management Planner Training

U.S. Army ECAS Training

ISO 14001 Environmental Management System (EMS) Lead Auditor Training

including the Clean Air Act, the Clean Water Act, RCRA, Superfund, Toxic Substances, Historic Preservation, Natural Resources, Noise, Asbestos, and Hazardous Materials.

- Phase I ESA, Chicago Dock & Canal, Chicago, Illinois: Conducted site reconnaissance and historical research of several properties, including 23-acres of former heavy industrial use dating back to the 1850s and two office complexes located out of state.
- Phase I/II ESA, General Parking, Chicago, Illinois: Woodward-Clyde identified potential hazards during a Phase I ESA investigation, with recommendations for additional Phase II work regarding proper closure of previously removed USTs, as well as oversight for removal of a remaining UST.
- Phase I/II ESA and EHS Compliance Audit of a major manufacturing facility comprising 475,500 ft² of office, warehouse, manufacturing, sales, and research & development space on 32 acres. Identified 12 major areas of concern, conducted a thorough Phase II Investigation, and provided oversight for the remediation.
- Phase I ESA and EHS Compliance Audit of a 100,000 ft² manufacturing firm identified potential hazards during a Phase I ESA investigation, with recommendations for additional Phase II work regarding proper closure of previously removed USTs, as well as Health & Safety program recommendations.

Asbestos

Mr. Albrecht has conducted asbestos surveys and prepared management plans for a variety of facilities. Representative experience includes:

- Field supervisor for a 400+ building asbestos survey at the U.S. Naval Base in Rota Spain; included detailed survey reports for friable and non-friable ACM and a complete management plan.
- Completion of a comprehensive asbestos survey and management plan for a multi-building warehouse and manufacturing facility containing over 1 million square feet. An operations and maintenance manual was written by Mr. Albrecht for this facility based on his observations.

